Appendix I

Personal Conversation with Lynn Harmon Notes

Phone call notes with Lynn Harmon
August 2, 2018
GEP

1. Magic Reservoir Operations
    a. Irrigation demands begins typically on May 1st
    b. Flood Water Releases
        i. February–April
            1. Flows below Magic more that 7–20 cfs
        ii. May–June
            1. Flows below Magic more than 800 cfs
        iii. July–August
            1. Flows below Magic more than 1000 cfs
2. Richfield Canal System
    a. Big Wood Water diverted into Richfield Canal
    b. Measurement locations on Richfield Canal
        i. Gage # 4= Head of Canal
        ii. Trificates – East Canal, West Canal, and "HJB"= Head of Jimmy Byrnes Slough
        iii. Gage "MJB"= End of Jimmy Byrnes Slough where it enters the Little Wood River.
        iv. Irrigation Season Demand of approximately 10+ cfs: 4 diversions between Gage #4 and Head of HJB
        v. No diversions on Jimmy Byrnes below HJB and where it enters Little Wood, Irrigation demand only (except #257 Lateral – may not even exist now – about 7 ft).
    c. No stockwater run through Richfield Canal during periods of potential recharge
    d. Historically delivery of irrigation water begins on May 1st and ends sometime between 9/1 or 10/1
    e. Richfield Canal ditch capacity 650–700 cfs.
    f. Irrigation demand during spring time (May) is approximately 400 cfs (high side).
    g. No portion of the Richfield Canal is Lined, to Mr. Harmon's knowledge.
    h. Before spring irrigation demand, water in the Richfield Canal was diverted into the Jim Byrns Slough, not the East or West Canals. If water is diverted into the East/West Canals, then it is used for irrigation.
    i. Jim Byrns Slough – can gain during snow melt and runoff, perhaps #4 to HJB a better reflection of recharge to eliminate seasonal gains.
    j. Canal Loss occurs between the #4 and the Slough, BWCC purchased stream measurement device to measure loss, but no records exist during the development period.
3. Dietrich Canal System
    a. Big Wood River water is routinely delivered to the Little Wood River and is diverted into the Dietrich Canal
    b. There is a check structure on the Little Wood River to push Big Wood and Little Wood River water towards the Dietrich Canal
    c. Irrigation season usually begins April 15th, because the ground is sandier and the weather is slightly warmer compared to the ground off of the Richfield Canal system.
    d. Early Irrigation Season Demand (April 15th through May) about 100-120 cfs, which is a good average.
    e. General rule – early irrigation demands met with Little Wood Natural Flow.

f. Canal capacity 320 cfs.
g. Irrigation demand in June about 220 cfs.
h. BWCC stockwater right of 75 cfs in winter. Goes out of priority April 1. (Priority: 11/1 – 4/1)
i. Dietrich flows out of "F Waste" gage and into Little Wood River.
j. No seepage records for Dietrich Canal loss exist for the development period.

4. Milner-Gooding Canal System near Shoshone
    a. Bifurcation is where the MG Canal and the Little Wood River interest.
    b. Between stations #53 and #56, the only possible source of water to the MG Canal is the tail drain from Lateral 1158A, which only occurs during the irrigation season and full delivery of water to the Dietrich Canal.
    c. Witnessed the LWR flowing into the syphon through the bifurcation every fall when the Milner-Gooding is shut off, if a coffer dam was not in place.
        i. Even if the LWR was down to 60-70 cfs, some 20-25 cfs would flow up the bifurcation
        ii. During spring flows, with water in MG, if LWR was high it would flow up the bifurcation and add water to the MG
        iii. Watched it every winter
    d. There is no check structure on the Little Wood River at the Bifurcation.
    e. Syphon is deep, and can pull lots of water through to the north side of the MG Canal.
    f. Shoshone site has taken up to 400 cfs for recharge.

IWRB00003265

WATER DISTRICT #37 & 37-M

DAILY DISCHARGE IN SECOND FEET OF HEAD OF J.B. SLOUGH

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG	SEPT
1			122	143	112	102
2		93	116	143	112	86
3		132	104	141	112	-0-
4		130	104	143	120	
5		150	104	143	120	
6		130	104	143	114	
7		161	104	143	114	
8		150	97	141	168	
9		124	97	139	161	124
10		114	126	136	132	74
11		114	126	139	114	76
12		114	126	122	114	73
13		116	126	172	114	86
14		114	122	177	116	86
15		114	132	168	116	84
16		114	147	143	114	74
17		114	145	141	114	68
18		114	145	141	112	71
19		114	145	136	108	66
20		114	147	132	108	59
21		114	143	134	114	62
22		116	143	130	110	57
23		118	139	134	106	Off
24		114	136	126	106	
25		112	136	130	106	
26		112	134	134	106	
27		116	136	126	108	
28		116	136	118	108	
29		120	132	120	106	
30		122	143	118	104	
31		122		110	102	
24 HR. CFS		3608	3817	4266	3571	1248
MEAN		120	127	138	115	57
ACRE FEET		7156	7571	8461	7083	2475

TOTAL 24 HR. CFS 16,510.0 TOTAL MEAN 115

TOTAL ACRE FEET 32,746.0 TOTAL NO. OF DAYS 144

IWRB00003266

WATER DISTRICT #37 & 37-M

DAULY DISCHARGE IN SECOND FEET FOR MOUTH OF THE J.B.

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1		22	174	186	160	174
2		174	144	186	154	158
3		212	127	187	146	152
4		212	158	189	155	42
5		219	158	189	160	Off
6		198	157	194	160	
7		198	159	181	161	
8		215	143	184	166	
9		201	140	182	173	
10		187	161	184	177	
11		198	161	196	171	
12		191	161	192	171	
13		187	165	213	166	
14		181	165	219	168	168
15		194	158	210	168	169
16		198	184	194	169	154
17		198	194	187	165	155
18		201	194	189	163	160
19		191	192	186	158	152
20		187	196	182	158	140
21		187	192	181	176	137
22		181	192	174	176	140
23		194	189	177	171	48
24		187	192	174	174	Dry
25		187	187	177	177	
26		198	186	177	176	
27		191	186	174	181	
28		205	186	168	184	
29		205	186	174	186	
30		194	179	171	186	
31		194		169	181	
24 HOUR CFS		5887	5166	5746	5237	1949
MEAN		190	172	185	170	139
ACRE FEET		11676	10246	11397	10387	3866

TOTAL 24 HR. CFS 23,985.0 YEARLY MEAN 174

TOTAL NO. OF DAYS 138 YEARLY ACRE FEET 47,572.0

IWRB00003267

WATER DISTRICT #37 & 37-M

DAILY DISCHARGE IN SECOND FEET OF DIETRICH CANAL #11

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1		72	171	158	172	150
2		121	173	159	169	143
3		123	173	162	171	35
4		145	174	164	174	35
5		155	170	168	172	35
6		160	170	168	171	35
7		161	173	169	171	35
8	32	160	171	171	171	35
9	35	164	170	172	171	35
10	35	170	172	174	165	156
11	33	170	173	174	164	153
12	34	174	175	174	164	152
13	35	174	178	178	163	153
14	72	168	155	179	163	144
15	72	171	162	178	162	143
16	74	171	170	179	161	136
17	74	173	156	179	158	131
18	74	174	157	179	156	128
19	75	172	158	178	155	124
20	72	170	160	177	156	123
21	72	171	162	177	158	123
22	72	171	163	176	157	123
23	72	172	163	177	156	92
24	100	172	164	175	146	77
25	111	174	165	175	145	70
26	141	174	166	174	143	21
27	121	174	168	174	143	28
28	126	170	161	173	143	28
29	126	170	160	174	140	28
30	128	170	161	173	138	28
31		171		172	145	
24 HOUR CFS	1786	5037	4994	5360	4923	2699
MEAN	78	162	166	173	159	90
ACRE FEET	3542	9990	9905	10631	9764	5353

TOTAL 24 HR, CFS 24,799.0 YEARLY MEAN 141

TOTAL NO. OF DAYS 176 YEARLY ACRE FEET 49,186.0

IWRB00003268

WATER DISTRICT #37 & 37-M

DAILY DISCHARGE IN SECOND FEET OF RICHFIELD CANAL #4

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG	SEPT
1		232	507	605	613	528
2		341	501	608	616	508
3		395	503	614	622	508
4		444	506	619	619	-0-
5		483	506	623	613	
6		492	507	624	612	
7		506	507	643	616	
8		506	508	645	572	462
9		507	522	649	563	474
10		498	531	657	554	474
11		501	532	662	554	474
12		502	534	612	547	479
13		500	526	597	550	489
14		498	543	595	552	489
15		500	558	567	553	478
16		498	562	557	547	472
17		501	563	558	547	470
18		500	564	562	542	469
19		501	568	559	543	460
20		504	568	561	550	457
21		503	568	567	548	456
22		503	568	572	546	Off
23		500	563	569	546	
24		501	567	580	552	
25		504	568	579	564	
26		509	568	584	564	
27		508	572	579	562	
28		508	570	584	561	
29		508	587	589	554	
30		508	602	589	547	
31		508		589	540	
24 HR. CFS		14969	16349	18498	17569	8147
MEAN		483	545	597	567	388
ACRE FEET		29689	32427	36689	34846	16159

TOTAL 24 HR. CFS 75,532.0 TOTAL MEAN 525

TOTAL ACRE FEET 149,810.0 TOTAL NO. OF DAYS 144

IWRB00003269

WATER DISTRICT #37 & 37-M

DAILY DISCHARGE IN SECOND FEET OF MILNER GOODING CANAL #53

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1		710	953	1022	1121	940
2		667	953	1057	1136	947
3		648	917	1060	1139	953
4		642	923	1064	1139	957
5		725	930	1039	1132	953
6		757	927	1057	1139	950
7		751	920	1074	1143	970
8		751	907	1057	1139	977
9		830	904	1067	1099	984
10		897	897	1089	1089	997
11		930	920	1099	1089	1018
12		950	974	1110	1089	1018
13		970	1022	1107	1081	960
14		987	1035	1114	1074	957
15		1001	1015	1121	1085	957
16		1001	1011	1096	1085	943
17		994	1022	1125	1074	910
18		967	1039	1125	1074	891
19	81	991	1150	1136	1081	859
20	173	987	1132	1117	1103	852
21	282	984	1132	1125	1110	827
22	393	950	1046	1117	1117	787
23	389	933	1060	1139	1132	796
24	389	927	1071	1158	1081	787
25	384	920	1071	1161	1089	781
26	481	963	1057	1154	1081	775
27	530	974	1049	1180	1096	775
28	508	967	1049	1187	1074	784
29	510	957	1057	1187	1046	781
30	525	953	1049	1199	967	787
31		960		1206	937	
24 HOUR CFS	4645	27644	30192	34549	33841	26873
MEAN	387	892	1006	1114	1092	896
ACRE FEET	9213	54829	59882	68524	67120	5330

TOTAL 24 HR. CFS 157,744.0 YEARLY MEAN 956

TOTAL NO. OF DAYS 165 YEARLY ACRE FEET 312,869.0

IWRB00003270

WATER DISTRICT #37 & 37-M

DAILY DISCHARGE IN SECOND FEET OF MILNER GOODING CANAL #56

FOR YEAR ENDING SEPTEMBER 30, 1989

DAY	APRIL	MAY	JUNE	JULY	AUG	SEPT
1		335	578	568	598	494
2		377	574	584	590	511
3		358	562	584	592	519
4		429	566	586	594	530
5		450	570	586	590	517
6		441	562	588	598	511
7		446	562	584	600	540
8		450	538	574	600	546
9		437	538	580	594	550
10		466	534	590	588	560
11		517	526	598	594	546
12		523	546	602	594	554
13		544	572	613	592	558
14		550	584	613	590	556
15		566	572	611	590	558
16		580	576	596	590	552
17		582	590	598	598	548
18		578	596	598	586	530
19		594	613	598	590	526
20	170	584	576	594	592	519
21	320	578	576	586	590	496
22	403	562	588	586	570	507
23	404	530	576	594	580	505
24	406	546	582	602	570	463
25	392	588	586	602	580	455
26	389	586	580	602	578	459
27	403	582	572	615	578	459
28	356	582	568	611	552	459
29	340	588	570	611	558	461
30	343	582	560	615	524	461
31		586		621	500	
24 HOUR CFS	3926	16117	17093	18490	18040	15450
MEAN	367	520	570	596	582	515
ACRE FEET	7787	31966	33902	36673	35780	30643

TOTAL 24 HR, CFS 89,116.0 YEARLY MEAN 543

TOTAL NO. OF DAYS 164 YEARLY ACRE FEET 176,753.0

WATER DISTRICT #37 & 37-M

WASTEWAYSS F" F WASTE ****

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		12.00	20.00				1
2		12.00		4.00			2
3		8.00	1.00	8.00			3
4		5.00	1.00	7.00			4
5		4.00	1.00	4.00			5
6			5.00	3.00			6
7	25.00		5.00	6.00			7
8		78.00	8.00				8
9	28.00	78.00	4.00	8.00			9
10	28.00	25.00		8.00			10
11	19.00	22.00		9.00			11
12	14.00	15.00	19.00	8.00			12
13	14.00		5.00	6.00			13
14	12.00	21.00	6.00	8.00			14
15		26.00	8.00				15
16	12.00	20.00	9.00	8.00			16
17	6.00	20.00	7.00	5.00			17
18	8.00	16.00	7.00	4.00			18
19	6.00	15.00	9.00	5.00			19
20	8.00		10.00	6.00			20
21	6.00	20.00	9.00				21
22		20.00	7.00				22
23	10.00	16.00	1.00		49.00		23
24	12.00	15.00	6.00		25.00		24
25	12.00	20.00	6.00				25
26	12.00	105.00	4.00				26
27	12.00		2.00				27
28		5.00	6.00				28
29	12.00	5.00	3.00				29
30		3.00	6.00				30
31		6.00					31
TOTAL	367.00	592.00	175.00	107.00	74.00	0.00	

YEARLY C.F.S. 1315.00

YEARLY ACRE FEET 2630

TOTAL NO. OF DAYS 91

YEARLY MEAN 14.45

WATER DISTRICT #37 & 37-M

CANAL NAME S" WASTE STATION NUMBER "S" YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1				14			1
2				14			2
3				21			3
4				14			4
5				25			5
6				21			6
7				22			7
8		74		22			8
9		38		21			9
10		35		5			10
11		20		21			11
12		12	23	25			12
13		4	23	25			13
14		2	19	25			14
15		7	14	26			15
16		3	16	21			16
17		6	16	25			17
18		9	16	16			18
19		3	16	12			19
20		3	16				20
21		3	16				21
22		1	16				22
23		11	16				23
24		3	13				24
25		7	13				25
26		7	13				26
27		9	11				27
28		6	11				28
29		4	9				29
30		3	9				30
31		13	9				31
TOTAL		283	290	375	0	0	
MEAN		12	14	20			
A.F.		561	575	744			

YEARLY C.F.S. 948.00

YEARLY ACRE FEET 1,880.00

TOTAL NUMBER OF DAYS 63

YEARLY MEAN 15

IWRB000003271

IWRB00003272

WATER DISTRICT #37 & 37-M

CANAL NAME HEAD OF J.B. STATION NUMBER HJB YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1				136			1
2				136			2
3				134			3
4				128			4
5				130			5
6				130			6
7		177		128			7
8		200	114	130			8
9		170	93	130			9
10		139	124	130			10
11		128	112	130			11
12		116	93	128			12
13		130	78	128			13
14		116	78	130			14
15		122	84	126			15
16		130	84	126			16
17		120	91	130			17
18		120	88	128			18
19		112	88	128			19
20		118	84	81	126		20
21		114	79		106		21
22		112	79		116		22
23		110	81		86		23
24		112	106		60		24
25		112	108				25
26		81	108			20	26
27		81	122			20	27
28		78	124			26	28
29		68	139			12	29
30		76	136				30
31		79					31
TOTAL		2921	2293	2547	494	78	
MEAN		117	100	127	99	18	
A.F.		5792	4548	5051	980	143	

YEARLY C.F.S. 8,326.00

YEARLY ACRE FEET 16,514.00

TOTAL NUMBER OF DAYS 77

YEARLY MEAN 108

IWRB00003273

WATER DISTRICT #37 & 37-M

CANAL NAME J. B. SLOUGH STATION NUMBER MJB 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1				189			1
2				189			2
3				189			3
4				186			4
5				184			5
6				179			6
7		169		179			7
8		243	140	179			8
9		224	158	176			9
10		173	158	176			10
11		210	147	176			11
12		189	151	169			12
13		173	151	177			13
14		177	139	176			14
15		177	140	100			15
16		182	141	171			16
17		174	143	176			17
18		173	147				18
19		171	160				19
20		176	139				20
21		165	128		30		21
22		169	133		176		22
23		147	140		116		23
24		155	157		95		24
25		163	163		81		25
26		130	163				26
27		102	176				27
28		50	182				28
29		96	189				29
30		130	186				30
31		154					31
TOTAL	0	4072	3531	2971	498	0	
MEAN		163	154	175	100		
A.F.		8076	7008	5893	988		

YEARLY C.F.S. 11,072.00

YEARLY ACRE FEET 21,960.00

TOTAL NUMBER OF DAYS 70

IWRB00003274

WATER DISTRICT #37 & 37-M

CANAL NAME DIETRICH CANAL STATION NUMBER 11 YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1	65	59	175	210			1
2	65	59	10	222			2
3	65	58	10	235			3
4	65	58	12	233			4
5	65	58	4	235			5
6	65	58	4	231			6
7	65	151	4	248			7
8	64	200	124	250			8
9	64	198	135	252			9
10	64	208	141	235			10
11	64	208	166	257			11
12	64	216	173	252			12
13	63	214	177	259			13
14	63	214	177	259			14
15	63	216	182	257			15
16	63	218	188	257			16
17	63	214	190	262			17
18	52	218	192	257			18
19	63	214	196	262			19
20	62	220	200	7			20
21	62	216	202				21
22	62	218	208		65		22
23	63	220	224		92		23
24	63	220	239		231		24
25	63	212	250		146		25
26	63	204	259		136		26
27	64	206	271				27
28	64	208	278				28
29	64	208	292				29
30	64	214	304				30
31		214					31
TOTAL	1909	5601	4987	4680	670	0	
MEAN	64	181	166	244	134		
A.F.	3786	11109	9891	24990	1329		

YEARLY C.F.S. 17,847.00

YEARLY ACRE FEET 35,398.00

TOTAL NUMBER OF DAYS 116

YEARLY MEAN 154

IWRB00003275

WATER DISTRICT #37 & 37-M

CANAL NAME : RICHFIELD CANAL STATION NUMBER 4 YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1				533			1
2				537			2
3				537			3
4		22		544			4
5		77		552			5
6		236		555			6
7		316		555			7
8		539	410	555			8
9		524	446	493			9
10		522	450	506			10
11		533	414	563			11
12		541	410	570			12
13		541	414	592			13
14		550	418	581			14
15		557	432	581			15
16		570	430	583			16
17		566	430	583			17
18		557	424	581			18
19		557	420	583			19
20		561	408		282		20
21		548	418		226		21
22		550	428		265		22
23		557	430		276		23
24		561	450		222		24
25		533	460			200	25
26		510	462			260	26
27		510	499			169	27
28		497	512			232	28
29		495	537			235	29
30		506	535				30
31		58					31
TOTAL		13094	10237	10584	1271	1116	
MEAN		468	445	557	254	223	
A.F.		25971	20304	20992	2521	2213	

YEARLY C.F.S. 36,302.00

YEARLY ACRE FEET 72,001.00

TOTAL NUMBER OF DAYS 84

YEARLY MEAN 432

IWRB00003276

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 53 YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		891	849	974	1032	984	1
2		884	868	967	1025	987	2
3		965	862	967	1032	987	3
4		953	859	980	1035	987	4
5	185	957	855	1001	1039	984	5
6	190	950	859	967	1060	977	6
7	193	977	837	953	1060	920	7
8	194	957	830	967	1049	914	8
9	197	957	751	994	1049	910	9
10	312	940	730	1008	1039	923	10
11	399	923	736	994	1039	940	11
12	393	917	722	997	1057	963	12
13	393	904	725	991	1085	904	13
14	368	910	739	987	1078	907	14
15	368	904	736	987	1074	920	15
16	368	914	739	1008	1074	914	16
17	368	970	739	1022	1081	917	17
18	368	894	745	1018	1096	917	18
19	368	888	696	1015	1117	849	19
20	670	888	676	1025	1139	815	20
21	716	894	751	1039	1306	818	21
22	787	891	751	1053	1346	815	22
23	824	888	812	1060	1074	815	23
24	830	866	837	1067	1081	769	24
25	849	888	884	1060	1096	748	25
26	843	884	914	1067	1114	745	26
27	878	878	953	1085	1139	640	27
28	900	878	963	1096	1155	640	28
29	930	862	963	1060	1081	640	29
30	933	852	957	1039	980	634	30
31		904		1035	970		31
TOTAL	13824	28130	24332	31483	33602	25883	
MEAN	359	907	811	1016	1084	863	
A.F.	27418	55793	49260	62443	66646	51336	

YEARLY C.F.S. 157,254.00

YEARLY ACRE FEET 311,898.00

TOTAL NUMBER OF DAYS 179

YEARLY MEAN 879

IWRB00003277

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 56 YEAR 1990

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		472	562	570	566	584	1
2		472	574	556	550	588	2
3		459	578	548	570	564	3
4		498	574	558	574	554	4
5	170	513	564	558	578	550	5
6	156	509	550	546	582	542	6
7	162	513	552	538	582	544	7
8	165	540	536	524	576	548	8
9	170	566	511	524	578	548	9
10	175	519	526	534	574	552	10
11	225	517	526	528	570	554	11
12	251	526	505	550	574	554	12
13	250	554	503	544	588	538	13
14	247	542	503	560	570	542	14
15	275	542	503	554	562	530	15
16	305	552	509	556	562	528	16
17	294	574	511	564	588	532	17
18	306	582	509	558	594	530	18
19	326	570	492	554	604	502	19
20	398	544	459	564	602	500	20
21	376	538	481	580	598	515	21
22	376	546	474	584	590	511	22
23	425	540	483	580	602	511	23
24	427	530	481	580	582	488	24
25	434	542	526	586	580	477	25
26	445	540	550	600	588	474	26
27	461	536	550	576	586	437	27
28	472	532	578	576	570	437	28
29	487	538	584	554	546	437	29
30	488	519	582	544	560	437	30
31		546		552	574		31
TOTAL	8266	16471	15836	17300	17920	15608	
MEAN	318	531	528	558	578	520	
A.F.	16395	32668	31409	34313	35542	30957	

YEARLY C.F.S. 91,401.00

YEARLY ACRE FEET 181,284.00

TOTAL NUMBER OF DAYS 179

YEARLY MEAN 510

IWRB00003278

WATER DISTRICT #37 & 37-M

CANAL NAME HEAD OF J.B. STATION NUMBER HJB YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1			106	159			1
2			110	161			2
3			103	163			3
4			103	161			4
5			130	166			5
6			152	166			6
7			152	163			7
8			147	163			8
9			143	161			9
10			141	163			10
11			139				11
12			139				12
13			134				13
14			159				14
15			159				15
16			159				16
17			159				17
18			159				18
19			161				19
20			161				20
21			166				21
22		116	156				22
23		159	159				23
24		114	156				24
25		106	152				25
26		93	161				26
27		83	163				27
28		108	163				28
29		112	161				29
30		114	161				30
31		108					31
TOTAL	0	1113	4414	1626	0	0	
MEAN		111	147	163	99	18	
A.F.	0	2204	8740	3219	0	0	

YEARLY C.F.S. 7,153.00

YEARLY ACRE FEET 14,162.94

TOTAL NUMBER OF DAYS 50

YEARLY MEAN 143

WATER DISTRICT #37 & 37-M

CANAL NAME LINCOLN BY-PASS STATION NUMBER 48 YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1			243	246			1
2			243	234			2
3			233	234			3
4			231	234			4
5			233	240			5
6			236	246			6
7			238	246			7
8			247	246			8
9			251	248			9
10			253	248			10
11			253	246			11
12			251				12
13			251				13
14			251				14
15			251				15
16			251				16
17			246				17
18			243				18
19			241				19
20			241				20
21			241				21
22			241				22
23			240				23
24		169	240				24
25		169	238				25
26		169	236				26
27		195	234				27
28		195	236				28
29		195	234				29
30		233	237				30
31		233					31
TOTAL	0	1558	7264	2668	0	0	
MEAN		195	242	243			
A.F.	0	3085	14383	5283	0	0	

YEARLY C.F.S. 11,490.00

YEARLY ACRE FEET 22,750.20

TOTAL NUMBER OF DAYS 49

YEARLY MEAN 234

WATER DISTRICT #37 & 37-M

CANAL NAME DIETRICH CANAL STATION NUMBER 11 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		59.00	282.00	255.00			1
2		59.00	287.00	271.00			2
3		59.00	287.00	278.00			3
4	32.00	60.00	202.00	282.00			4
5	31.00	60.00	220.00	287.00			5
6	31.00	60.00	233.00	297.00			6
7	31.00	60.00	235.00	302.00			7
8	31.00	60.00	235.00	307.00			8
9	51.00	60.00	235.00	307.00			9
10	51.00	60.00	237.00	312.00			10
11	51.00	60.00	235.00				11
12	51.00	60.00	239.00				12
13	51.00	60.00	239.00				13
14	51.00	60.00	262.00		80.00		14
15	51.00	60.00	268.00		96.00		15
16	51.00	59.00	271.00		92.00		16
17	51.00	59.00	278.00		25.00		17
18	50.00	58.00	292.00				18
19	48.00	55.00	302.00				19
20	48.00	56.00	312.00				20
21	48.00	56.00	319.00				21
22	48.00	173.00	324.00				22
23	48.00	255.00	332.00				23
24	52.00	252.00	340.00				24
25	57.00	252.00	342.00				25
26	56.00	216.00	222.00				26
27	56.00	241.00	228.00				27
28	56.00	255.00	237.00				28
29	58.00	271.00	246.00				29
30	58.00	278.00	252.00				30
31		280.00					31
TOTAL	1298	3713	7993	2898	293	0	
MEAN	48	120	26	290	73		
A.F.	2570	7352	15826	5738	580		

YEARLY C.F.S. 16,195.00

YEARLY ACRE FEET 32,066.10

TOTAL NUMBER OF DAYS 102

YEARLY MEAN 159

CANAL NAME J. B. SLOUGH STATION NUMBER MJB 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1			139	186			1
2			139	184			2
3			139	182			3
4			141	181			4
5			169	173			5
6			176	174			6
7			176	174			7
8			113	176			8
9			113	176			9
10			157	174			10
11			157				11
12			157				12
13			149				13
14			166				14
15			171				15
16			169				16
17			173				17
18			173				18
19			176				19
20			176				20
21			173				21
22		176	176				22
23		176	174				23
24		173	173				24
25		171	171				25
26		166	166				26
27		182	182				27
28		151	186				28
29		146	186				29
30		149	186				30
31		141					31
TOTAL	0	1631	4902	1780	0	0	
MEAN		163	163	178			
A.F.	0	3229	9706	3524	0	0	

YEARLY C.F.S. 8,313.00

YEARLY ACRE FEET 16,459.74

TOTAL NUMBER OF DAYS 50

YEARLY MEAN 166

IWRB000003279

WATER DISTRICT #37 & 37-M

CANAL NAME RICHFIELD CANAL STATION NUMBER 4 YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1			503	539			
2			506	544			
3			510	544			
4			533	544			
5			577	552			
6			577	552			
7			568	552			
8			559	546			
9			557	516			
10			568	520			
11			555				
12			546				
13			550				
14			577				
15			581				
16			581				
17			579				
18			585				
19			583				
20			583				
21			585				
22		298	574				
23		349	581				
24		410	572				
25		430	489				
26		434	535				
27		487	535				
28		491	535				
29		499	526				
30		512	535				
31		497					
TOTAL	0	4407	16645	5409	0	0	
MEAN		441	555	541			
A.F.		8726	32957	10710			

YEARLY C.F.S. 26,461.00

YEARLY ACRE FEET 52,392.78

TOTAL NUMBER OF DAYS 50

YEARLY MEAN 529

WATER DISTRICT #37 & 37-M

CANAL NAME BIG WOOD RIVER STATION NUMBER 5 YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1			221	302			1
2			221	275			2
3			217	272			3
4			221	272			4
5			224	286			5
6			230	294			6
7			234	294			7
8			237	294			8
9			240	302			9
10			234	279			10
11			237				11
12			240				12
13			244				13
14			234				14
15			234				15
16			237				16
17			230				17
18			227				18
19			224				19
20			227				20
21			230				21
22			227				22
23			230				23
24		275	224				24
25		290	275				25
26		290	275				26
27		317	272				27
28		334	275				28
29		325	275				29
30		148	275				30
31		217					31
TOTAL	0	2196	7171	2870	0	0	
MEAN		275	239	287			
A.F.	0	4348	14199	5683	0	0	

YEARLY C.F.S. 12,237.00

YEARLY ACRE FEET 24,229.26

TOTAL NUMBER OF DAYS 48

YEARLY MEAN 255

IWRB00003280

IWRB00003281

WATER DISTRICT #37 & 37-M

CANAL NAME TABER CANAL NUMBER 66-P1 1991

OWNER DON TABER

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		1.50		1.50		1.50	1
2		1.50		1.50		1.50	2
3		1.50		1.50		1.50	3
4		1.50		1.50		1.50	4
5		1.50		1.50		1.50	5
6		1.50		1.50		1.50	6
7		1.50		1.50		1.50	7
8		1.50		1.50		1.50	8
9				1.00		1.50	9
10			1.50	1.00			10
11			1.50	1.00			11
12			1.50	1.00			12
13			1.50	1.00	1.50		13
14			1.50	1.00	1.50		14
15			1.50	1.00	1.50		15
16			1.50	1.00	1.50		16
17			1.50	1.00	1.50		17
18				1.50	1.50		18
19				1.50	1.50		19
20				1.50	1.50	2.00	20
21				1.50	1.50	2.00	21
22				1.50	1.50	1.50	22
23				1.50	1.50	1.50	23
24				1.50	1.50	1.50	24
25				1.50	1.50	1.50	25
26				1.50	1.50	1.50	26
27	1.50		1.50		1.50	1.50	27
28	1.50		1.50		1.50	1.50	28
29	1.50		1.50		1.50	1.50	29
30	1.50	1.50	1.50		1.50		30
31		1.50			1.50		31
TOTAL	6.00	15.00	18.00	34.50	28.50	29.50	

YEARLY C.F.S. 131.50

YEARLY ACRE FEET 260.37

TOTAL NO. OF DAYS 90

YEARLY MEAN 1.46

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 53 YEAR 199:

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		597	865	1191	1107	1042	1
2		687	927	1176	1110	1049	2
3		690	933	1165	1139	1064	3
4		693	920	1136	1015	1022	4
5		687	937	1161	1042	947	5
6		693	1042	1176	1121	933	6
7		751	1057	1184	1121	940	7
8		736	1085	1191	1128	933	8
9		739	1053	1169	1126	967	9
10		742	1039	1172	1138	1028	10
11		754	1022	1165	1126	1001	11
12		766	1022	1167	1143	900	12
13		769	1085	1199	1114	898	13
14		772	1060	1214	1121	891	14
15		751	1092	987	1126	875	15
16	180	745	1117	1001	1126	891	16
17	177	739	1114	1008	1147	795	17
18	299	745	1096	1015	1143	769	18
19	432	739	1089	1035	1121	769	19
20	435	687	1096	1057	1121	769	20
21	435	676	1096	1078	1096	766	21
22	428	667	1114	1081	1085	775	22
23	417	659	1114	1085	1085	787	23
24	410	722	1117	1099	1085	698	24
25	424	757	1103	1107	1099	676	25
26	568	745	1136	1117	1099	745	26
27	581	745	1165	1117	1078	739	27
28	583	739	1187	1121	1064	736	28
29	591	793	1191	1125	1057	733	29
30	591	859	1202	1114	1049	730	30
31		855		1103	1042		31
TOTAL	6551	22699	32076	34736	34180	25859	
MEAN	437	732	1069	1121	1103	862	
A.F.	12971	44944	63510	68777	67676	51201	

YEARLY C.F.S. 156,101.00

YEARLY ACRE FEET 309,079.98

TOTAL NUMBER OF DAYS 168

YEARLY MEAN 929

IWRB00003282

WATER DISTRICT #37 & 37-M

CANAL NAME LITTLE WOOD RIVER STATION NUMBER 54 YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		14	16	22	17	20	1
2		14	16	21	17	20	2
3		13	36	24	17	18	3
4	66	16	7	21	17	19	4
5	68	15	18	17	19	15	5
6	73	15	46	14	21	14	6
7	76	16	51	14	18	10	7
8	71	15	44	10	17	10	8
9	58	14	32	10	18	12	9
10	68	15	20	7	18	18	10
11	64	17	15	1	16	21	11
12	64	20	12	7	16	32	12
13	63	23	12	15	15	30	13
14	61	22	6	15	14	25	14
15	58	19	13	16	39	23	15
16	55	18	13	18	15	20	16
17	57	18	13	18	18	18	17
18	55	18	10	17	13	20	18
19	46	20	12	18	10	19	19
20	44	35	14	17	18	18	20
21	46	37	15	18	17	17	21
22	43	30	17	22	18	19	22
23	39	71	14	18	18	24	23
24	46	93	15	15	16	28	24
25	29	50	13	14	16	41	25
26	27	17	16	14	17	80	26
27	18	7	16	17	23	41	27
28	16	3	22	18	19	12	28
29	14	32	29	17	23	19	29
30	16	23	28	16	24	36	30
31		22		16	21		31
TOTAL	1341	742	591	487	565	699	
MEAN	50	24	20	16	18	23	
A.F.	2655	1469	1170	964	1119	1384	

YEARLY C.F.S. 4,425.00

YEARLY ACRE FEET 8,761.50

TOTAL NUMBER OF DAYS 180

YEARLY MEAN 25

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 56 YEAR 1991

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		351	446	627	636	598	1
2		351	450	621	638	600	2
3		364	474	619	634	606	3
4		368	468	606	560	604	4
5		366	464	613	586	548	5
6		368	517	615	611	550	6
7		392	558	617	611	550	7
8		392	560	613	611	550	8
9		392	562	576	611	570	9
10		398	558	586	613	574	10
11		408	546	582	611	550	11
12		415	542	592	611	532	12
13		418	556	594	600	532	13
14		415	564	594	604	528	14
15		406	582	572	606	534	15
16		403	590	606	606	534	16
17		398	586	615	606	488	17
18	258	399	582	619	602	477	18
19	242	399	576	636	602	477	19
20	243	368	576	638	602	477	20
21	245	359	580	640	602	475	21
22	246	364	586	611	596	479	22
23	253	377	590	602	600	485	23
24	253	411	586	615	598	488	24
25	274	420	582	617	606	455	25
26	335	416	604	615	611	463	26
27	350	416	615	615	598	441	27
28	351	415	623	627	592	427	28
29	355	423	625	625	592	429	29
30	359	450	627	631	598	437	30
31		445		636	594		31
TOTAL	3764	12267	16775	18975	18650	15402	
MEAN	290	396	559	612	602	513	
A.F.	7453	24289	33215	37571	36927	30496	

YEARLY C.F.S. 85,633.00

YEARLY ACRE FEET 169,949.34

TOTAL NUMBER OF DAYS 166

YEARLY MEAN 517

WATER DISTRICT #37 & 37-M

CANAL NAME HEAD OF J.B. STATION NUMBER HJB YEAR 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL.	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		170					1
2		190					2
3		163					3
4		172					4
5		152					5
6		132					6
7		141					7
8		156					8
9		184					9
10		184					10
11		182					11
12		182					12
13		184					13
14		184					14
15		180					15
16		170					16
17		161					17
18		154					18
19		150					19
20		141					20
21		110					21
22							22
23							23
24							24
25					218		25
26					150		26
27			118		79		27
28			118				28
29			154				29
30	132		147				30
31							31
TOTAL	132	3442	537	0	447	0	
MEAN	132	164	134	0	149	0	
A.F.	261	6815	1063	0	885	0	

YEARLY C.F.S. 4,558.00

YEARLY ACRE FEET 9,024.84

TOTAL NUMBER OF DAYS 29

YEARLY MEAN 157

WATER DISTRICT #37 & 37-M

CANAL NAME WEST MAIN STATION NUMBER WEST YEAR 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		41					1
2		61					2
3		90					3
4		119					4
5		123					5
6		122					6
7		124					7
8		129					8
9		128					9
10		129					10
11		128					11
12		128					12
13		129					13
14		129					14
15		128					15
16		129					16
17		129					17
18		128					18
19		125					19
20		127					20
21		123					21
22							22
23							23
24							24
25							25
26					63		26
27			81		84		27
28			81		82		28
29			103				29
30	40		102				30
31							31
TOTAL	40	2469	367	0	229	0	
MEAN	40	118	67		76		
A.F.	79	4889	727	0	453	0	

YEARLY C.F.S. 3,105.00

YEARLY ACRE FEET 6,147.90

TOTAL NUMBER OF DAYS 29

YEARLY MEAN 107

IVWRB00003283

64

WATER DISTRICT #37 & 37-M

CANAL NAME MJB CANAL NUMBER MJB 1992

OWNER

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		212		194			1
2		181					2
3		201					3
4		171					4
5		173					5
6		173					6
7		181					7
8		208					8
9		208					9
10		215					10
11		246					11
12		250					12
13		246					13
14		252					14
15		239					15
16		239					16
17		224					17
18		224					18
19		203					19
20		192					20
21							21
22							22
23							23
24							24
25							25
26						206	26
27						132	27
28							28
29			221				29
30			217				30
31							31
TOTAL	0	4238	438	194	0	338	
MEAN		212	219	194	113		
A. F.	0	8391	867	384	0	669	

YEARLY C.F.S. 5208.00

YEARLY ACRE FEET 10311.84

TOTAL NO. OF DAYS 25

YEARLY MEAN 208.32

WATER DISTRICT #37 & 37-M

CANAL NAME DIETRICH CANAL STATION NUMBER 11 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		95					1
2		184					2
3		197					3
4		202					4
5		202					5
6		205					6
7		206					7
8		212					8
9		222					9
10		223					10
11		223					11
12		227					12
13		183					13
14		185					14
15		187					15
16		187					16
17		188					17
18		190					18
19		191					19
20		194					20
21		180					21
22	30						22
23	29						23
24	30						24
25	30						25
26	30						26
27	30						27
28	30						28
29	23						29
30	51						30
31							31
TOTAL	283	4083	0	0	0	0	
MEAN	31	194					
A.F.	560	8084	0	0	0		

YEARLY C.F.S. 4,366.00

YEARLY ACRE FEET 8,644.68

TOTAL NUMBER OF DAYS 30

YEARLY MEAN 146

IWRB00003284

WATER DISTRICT #37 & 37-M

CANAL NAME BIG WOOD RIVER STATION NUMBER 4 YEAR 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		315		408			1
2		360					2
3		406					3
4		524					4
5		526					5
6		529					6
7		537					7
8		583					8
9		588					9
10		592					10
11		579					11
12		590					12
13		590					13
14		592					14
15		596					15
16		592					16
17		583					17
18		574					18
19		557					19
20		541					20
21		343					21
22							22
23					295		23
24					414		24
25					362		25
26							26
27			334				27
28			426				28
29			434				29
30			426				30
31							31
TOTAL	0	11097	1620	408	1071	0	
MEAN		528	405	408	357		
A.F.	0	21972	3208	808	2121	0	

YEARLY C.F.S. 14,196.00

YEARLY ACRE FEET 28,108.08

TOTAL NUMBER OF DAYS 29

YEARLY MEAN 490

WATER DISTRICT #37 & 37-M

CANAL NAME CANAL NUMBER BWR #3 199

OWNER

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		632		521			1
2		744		335			2
3		804		331			3
4		904		335			4
5		911		335			5
6		892		335			6
7		904		335			7
8		937					8
9		976					9
10		976					10
11		976					11
12		1002					12
13		1015					13
14		1002					14
15		995					15
16		1009					16
17		995					17
18		976					18
19		963					19
20		917					20
21							21
22							22
23							23
24					484		24
25					470		25
26					403		26
27			268		297		27
28			317		359		28
29			565		321		29
30			548		125		30
31							31
TOTAL	0	18530	1698	2527	2459	0	
MEAN		927	425	421	351		
A. F.	0	36689	3362	5003	4869	0	

YEARLY C.F.S. 25214.00

YEARLY ACRE FEET 49923.72

TOTAL NO. OF DAYS 38

YEARLY MEAN 663.53

IWRB0000185

WATER DISTRICT #37 & 37-M

NAL NAME LITTLE WOOD RIVER STATION NUMBER 54 YEAR 1992

DAILY DISCHARGE IN SECOND FEET

TE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
		9	21	20	5	12	1
		24	18	20	5	13	2
		46	17	37	6	12	3
		25	16	25	7	12	4
	61	30	17	27	11	15	5
	58	15	16	23	12	14	6
	58	10	17	18	12	16	7
	54	7	16	17	12	16	8
	42	13	17	16	11	16	9
	38	30	17	16	10	17	10
	38	30	18	17	11	17	11
	37	27	17	15	12	17	12
	33	34	20	14	12	17	13
	17	30	21	17	11	16	14
	10	33	20	17	12	15	15
	14	30	20	16	12	16	16
	15	26	24	16	10	16	17
	17	22	17	16	9	20	18
	18	21	14	13	9	21	19
	18	16	15	5	10	22	20
	19	11	17	5	10	20	21
	20	25	19	6	10	20	22
	22	24	18	9	10	21	23
	21	18	19	9	10	19	24
	17	19	26	8	9	17	25
	15	20	28	8	14	18	26
	12	18	22	7	15	18	27
	9	18	33	3	8	18	28
	8	20	46	5	11	15	29
	10	20	32	5	10		30
		21		5	12		31
OTAL	681	692	618	435	318	486	
EAN	26	22	21	14	10	17	
.F.	1348	1370	1224	861	630	962	

YEARLY C.F.S. 3,230.00

YEARLY ACRE FEET 6,395.40

TOTAL NUMBER OF DAYS 178

YEARLY MEAN 18

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 53 YEAR 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		763	866	940	860		1
2		768	869	955	860		2
3		778	869	946	855		3
4		776	871	891	860		4
5		760	874	869	869		5
6	83	765	871	771	869		6
7	166	763	871	773	866		7
8	252	789	880	781	874		8
9	239	795	877	739	888	813	9
10	229	811	871	755	877	846	10
11	218	816	871	757	874	863	11
12	216	822	857	765	923	852	12
13	219	827	894	771	967	835	13
14	304	827	852	771	979	819	14
15	483	822	888	778	976	800	15
16	563	822	891	773	973	784	16
17	563	822	903	778	985	781	17
18	568	824	886	819	985	765	18
19	656	808	869	857	982	752	19
20	704	805	863	860	979		20
21	710	805	855	860	985		21
22	701	797	855	860	985		22
23	763	797	855	860	988		23
24	713	803	844	852	997		24
25	713	795	852	849	1009		25
26	747	781	937	855	1021		26
27	752	841	920	852	1033		27
28	726	857	906	835			28
29	729	863	906	830			29
30	731	857	932	830			30
31		860		855			31
TOTAL	12748	25019	26355	25687	25319	8910	
MEAN	510	807	879	829	938	810	
A.F.	25241	49538	52183	50860	50132	17642	

YEARLY C.F.S. 124,038.00

YEARLY ACRE FEET 245,595.24

TOTAL NUMBER OF DAYS 155

YEARLY MEAN 800

IWRB00003286

WATER DISTRICT #37 & 37-M

CANAL NAME TABER CANAL NUMBER 66-P 1992

OWNER DON TABER

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		3.00	1.40			0.30	1
2	1.40	3.00	1.40			0.30	2
3	1.40	3.00	1.40			0.30	3
4	1.40	3.00	0.35	2.50		0.30	4
5	1.40	3.00	0.35	2.50		0.30	5
6	1.40	3.00	0.80			0.30	6
7	1.40	3.00	0.80			0.30	7
8	1.40	3.00	0.80			0.30	8
9		3.00	0.80			0.30	9
10		3.00	0.80				10
11		3.00	2.20				11
12			2.20				12
13			2.20		0.30		13
14		4.50	2.20		0.30		14
15	1.90	4.50	2.20		0.30		15
16	3.40	2.20	0.80		0.30		16
17	3.40	2.20	0.80		0.30		17
18		2.40	0.80		0.30		18
19		2.40	0.80		0.30		19
20		2.40	0.80		0.30		20
21		0.60	0.80		0.30		21
22		0.60	0.80		0.30		22
23		0.60	0.80		0.30		23
24		0.60	0.80		0.30		24
25		0.60			0.30		25
26		0.60			0.30	1.30	26
27		0.60			0.30	1.30	27
28	4.00	0.60			0.30	1.30	28
29	4.00	0.60			0.30	1.30	29
30	1.00	1.40			0.30	1.30	30
31		1.40			0.30		31
TOTAL	27.50	61.80	27.10	5.00	5.70	9.20	

YEARLY C.F.S. 136.30

YEARLY ACRE FEET 269.874

TOTAL NO. OF DAYS 101

YEARLY MEAN 1.35

IDWR00003287

WATER DISTRICT #37 & 37-M

CANAL NAME MILNER GOODING CANAL STATION NUMBER 56 YEAR 1992

DAILY DISCHARGE IN SECOND FEET

DATE	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	DATE
1		456	435	492	451		1
2		467	435	500	451		2
3		470	435	500	451		3
4		472	435	470	454		4
5		474	440	458	454		5
6	89	478	440	465	454		6
7	135	470	440	467	452		7
8	177	476	472	470	454		8
9	177	472	472	452	460	483	9
10	189	478	442	454	458	476	10
11	181	490	442	463	452	489	11
12	182	492	440	463	460	479	12
13	180	498	454	465	474	474	13
14	235	470	449	467	528	470	14
15	337	463	449	469	526	467	15
16	377	456	449	465	528	463	16
17	379	452	461	460	532	476	17
18	382	449	451	467	532	483	18
19	403	442	438	467	530	485	19
20	478	437	437	472	526		20
21	481	438	433	513	524		21
22	472	437	435	519	526		22
23	449	449	435	513	530		23
24	463	449	430	517	532		24
25	449	442	442	517	540		25
26	456	431	487	522	534		26
27	458	424	478	519	546		27
28	467	431	472	513			28
29	452	435	478	449			29
30	454	431	485	449			30
31		431		451			31
TOTAL	8502	14160	13491	14868	13359	5245	
MEAN	354	457	450	480	495	477	
A.F.	16834	28037	26712	29439	26451	10385	

YEARLY C.F.S. 69,625.00

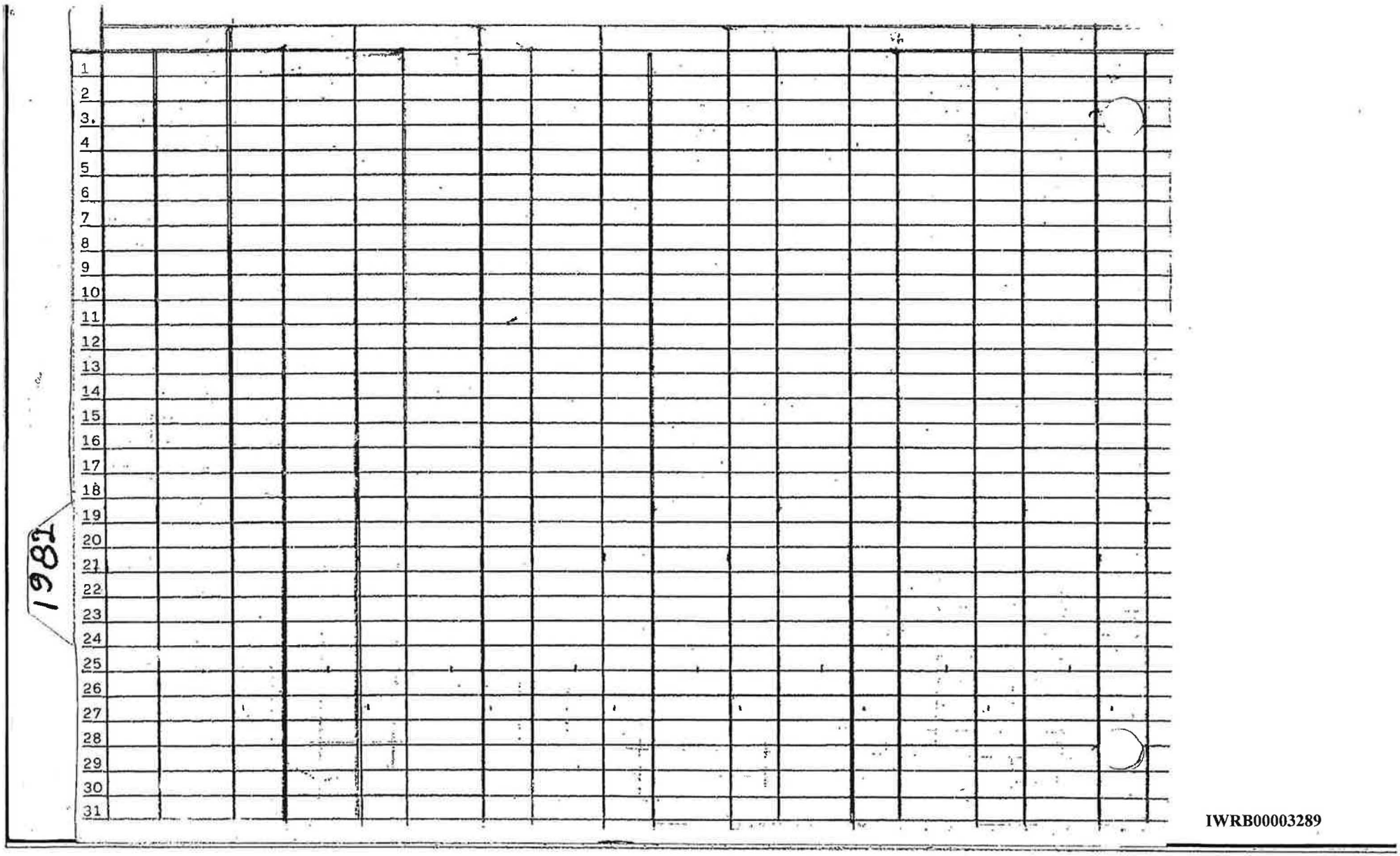
YEARLY ACRE FEET 137,857.50

TOTAL NUMBER OF DAYS 155

YEARLY MEAN 449

Appendix K

Big Wood Canal Company Measurement Records



IWRB00003289

May 1982

	Magic		#3		#4		#5		East		West		J.B. Head			ES pill	W1	W2	
1																			1
2																			2
3	931.5	178,114	7.76	3680															3
4	931.7	178,858	8.10	3890	3.35	188	6.40	3946	1.16	100	1.08	45				20	28	20	4
5	931.9	179,602	8.30	4100	3.27	177	6.59	4050	1.22	107	1.22	50	.45	29		25	23	20	5
6	931.7	178,858	8.00	3930	3.76	252	6.23	3658	1.20	153	1.34	55	.48	32		15	38	30	6
7	931.5	178,114	7.72	3490	3.63	231	5.80	3270	1.54	146	1.30	53	.48	32		15	18	22	7
8	931.4	177,742	7.48	3250	3.60	226	5.53	3030	1.46	136	1.28	53	.46	30		15	9	15	8
9	931.3	177,370	7.28	3050	3.58	223	5.37	2850	1.35	123	1.26	51	.42	26					9
10	931.2	176,998	7.04	2820	3.90	276	4.96	2774	1.58	151	1.52	63	.58	44		17	7	15	10
11	901.1	176,627	6.94	2720					1.76	172	1.60	67	.38	22		16	7	12	11
12	931.0	176,256	6.70	2500	3.89	274	4.60	2414	1.72	167	1.58	66	.39	23		15	0	5	12
13	930.9	175,890	6.58	2390	3.90	300	4.42	2274	1.70	165	1.58	66	.38	22		15	0	5	13
14	930.8	175,524	6.48	2300	4.25	370	4.25	2104	1.98	199	1.96	88	.44	28		15	15	12	14
15	930.8	175,524	6.48	2300	4.24	368	4.24	2094	1.95	195	1.92	85	.48	32		15	12	12	15
16	930.9	175,890	6.62	2430	4.25	370	4.40	2214	1.94	194	1.90	84	.48	32					16
17	931.0	176,256	6.82	2610	4.25	370	4.53	2404	1.94	194	1.90	84	.47	31			3		17
18	931.2	176,998	7.10	2860	4.45	410	4.69	2544	2.15	220	2.05	94	.49	33		/	8	/	18
19	931.4	177,742	7.48	3210	/		/		2.15	220	2.05	94	.52	36		15	4	13	19
20	931.6	178,486	7.76	3490	4.45	410	5.50	3354	2.27	236	1.98	90	.32	18					20
21	931.6	178,486	7.72	3450	4.71	462	5.44	3294	2.32	242	2.04	94	.66	54		15	11	15	21
22	931.5	178,114	7.64	3370	4.70	460	5.43	3284	2.30	239	2.00	91	.66	54		15	13	18	22
23	931.5	178,114	7.64	3370	4.73	466	5.42	2814	2.28	237	1.98	90	.64	52		15	12	18	23
24	931.6	178,486	7.66	3390	4.71	462	5.45	3304	2.36	247	2.09	97	.57	42		9	7		24
25	931.6	178,486	7.74	3470	4.72 c	456	5.55 c	3024	2.30 c	240	2.09 c	102	.56	41		8	5	15	25
26	931.7	178,858	7.85	3590	4.99	511	5.69	3164	2.48	264	2.22	112	.71	62		8	9	15	26
27	931.8	177,230	8.14	3890	4.98	509	5.93	3404	2.50	266	2.36	125	.64	52		8	5	18	27
28	931.9	179,602	8.28 c	4140	4.99	511	6.22	3694	2.52	269	2.36	125	.65	53		8	4	9	28
29	931.8	179,230	8.00	3840	5.21	561	5.78	3254	2.66	287	2.33	122	.78	73		8	9	10	29
30	931.5	178,114	7.46	3280	5.40	606	5.14	2614	2.60	279	2.30	119	1.06	147					30
31	931.2	176,998	7.04	2870	5.41	608	4.66	2134	2.68	290	2.34	123	.97	106		8	9	6	31
Total	930.9	175,870			5.57	646	4.13	1620	2.76	300	2.52	140	1.07	128					
Mean													1.06						

IWRB00003290

May 1982

	#60		#53		#54		#14		#56		#51		#52		Dry	Kroll	Main	L.S.	
1																			1
2																			2
3	4.70	606	3.42	385	3.56	494	4.22	604	5.53	416	3.50	318	1.89	83					3
4	5.90	830	3.82	462	3.49	469	4.12	582	5.66	438	3.56	327							4
5	5.90	830	4.44	586	3.60	534	4.62	692	6.10	515	3.52	321	2.68	127	14				5
6	5.90	830	4.40	578	3.59	519	4.64	697	6.08	511	3.56	327	2.92	141					6
7	6.68	986	4.81	652	3.62	533	4.78	728	6.31	555	3.50	318	2.84	136			4	2	7
8	6.68	986	5.07	654	3.56	510	4.82	C 626	6.41	532	3.30	288	3.32	165					8
9	6.68	986	5.03	645	3.43	462	4.54	609	6.38	526									9
10	6.66	982	5.06	652	3.41	455	4.48	596	6.36	522	3.20	276	3.48	177			6	5	10
11	6.68	986	5.09	658	3.46	473	4.62	626	6.40	530	3.20	276	3.48	177	10	12	7	8	11
12	6.66	982	4.98	635	3.36	437	4.40	578	6.32	515	2.89	239	3.58	184		8	6	8	12
13	7.18	1088	5.09	658	2.90	281	3.34	374	6.31	513	2.80	229	3.61	186	9	8	2	4	13
14	7.18	1088	5.24	694	2.64	173	3.32	373	6.38	526	2.48	194	3.94	209	9	12	0	5	14
15	7.18	1088	5.20	681	2.86	269	3.32	373	6.35	520	2.46	192	4.12	222	9				15
16	7.20	1092	5.14	668	2.82	257	3.26	362	6.32	515					9	8	0	4	16
17	7.18	1088	5.12	664	2.71	224	3.06	326	6.30	511	2.34	180	4.06	217	5	9	1	4	17
18	7.20	1092	4.88	635	2.66	209	3.46	398	5.76	417	1.88	1.28	3.64	198	8	7	4	5	18
19	7.20	1092	4.94	647	2.88	275	3.72	445	5.89	439	1.92	.83	3.88	205	13	9	4	6	19
20	7.18	1088	5.00	660	3.08	336	4.42	582	6.03	463	2.04	.724	3.88	205	13	9	6	4	20
21	7.18	1088	5.06	673	3.18	372	4.34	566	6.11	477	2.04	.72	3.88	205	9	9	3	4	21
22	7.18	1088	5.02	664	3.32	423	4.48	596	6.14	482	1.82	.61	3.89	205					22
23	7.16	1084	4.97	654	3.26	401	4.42	582	6.10	475					7	9	5	4	23
24	7.16	1084	4.96	652	3.27	405	4.42	582	6.10	475	1.86	64	4.01	214	4	7	3	6	24
25	7.16	1084	4.97	654	3.31	419	4.52	604	6.15	484	1.80	55	4.02	214	3	6	3	0	25
26	7.18	1088	4.87	633	3.29	412	4.28	554	6.28	507	1.98	C 95	4.06	C 224	4	9	3	5	26
27	7.20	1092	4.88	C 705	3.13	C 372	3.99	C 518	6.19	C 528	1.89	67	4.00	220	4	6	2	6	27
28	7.20	1092	4.91	712	3.10	361	3.98	516	6.19	528	1.80	61	4.07	225	4	7	3	3	28
29	7.18	1088	4.89	707	3.16	386	4.04	528	6.22	534	1.80	61	4.06	224	–	–	–	5	29
30	7.18	1088	4.83	694	3.00	326	3.79	479	6.09	509					5		4	3	30
31	7.18	1088	4.95	699	3.03	336	3.84	488	6.12	515	1.81	61	4.08	226	5	5	2	3	31
Total	7.18	1088	4.77	681	2.75	251	3.42	410	5.89	473	1.66	52	3.94	216					
Mean	7.64	30772																	

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June 1982

	#60		#53		#54		#14		#56		#51		#52		Dry	Kraft	Main	L.S.	
1	7.18	1088	4.77	681	2.75	251	3.42	410	5.89	473	1.66	52	3.94	216	9	4	2	1	1
2	7.69	1199	5.06	746	2.86	284	3.56	434	6.13	517	1.38	38	4.26	238	12	8	3	3	2
3	8.22	1321	5.25	709	2.86	284	3.76	472	6.25	540	1.80	61	4.12	228	9	8	5	4	3
4	8.28	1334	5.88	945	2.86	284	4.04	528	6.62	612	2.52	152	4.20	234	7	8	5	4	4
5	8.28	1334	5.94	960	2.83	275	4.04	528	6.69	626	2.66	177	4.04	223	7	6	5	4	5
6	8.28	1334	6.00	976	2.80	266	4.06	531	6.65	618									6
7	8.28	1334	5.95	963	2.73	245	3.88	496	6.61	610	2.48	145	3.96	219	8	6	5	4	7
8	8.28	1334	5.90	971	2.75	251	3.95	510	6.64	616	2.44	138	4.18	233					8
9	8.26	1330	5.99	974	2.72	242	3.92	504	6.64	616	2.40	131	4.16	231	7	5	5	2	9
10	8.26	1321	5.93	958	2.53	185	3.72	466	6.58	604	2.34	121	4.12	229					10
11	8.46	1367	6.01	979	2.33	129	3.58	439	6.50	588	2.29	123	4.10	227	8	6	5	2	11
12	8.84	1454	6.15	1018	2.40	147	3.64	451	6.61	610	2.24	114	4.28	240					12
13	8.75	1433	6.30	1061	2.34	132	3.90	498	6.49	586					7	6	3	3	13
14	8.78	1440	6.23	1041	2.25	112	3.83	487	6.45	578	2.54	183	4.36	246	12	20	7	5	14
15	8.80	1445	6.24	1044	1.94	59	3.72	466	6.34	557	2.32	129	4.09	222	12	16	7	6	15
16	8.85	1456	6.31	1064	1.98	64	3.76	470	6.37	562	2.30	c 102	4.04	c 199	11	12	7	4	16
17	8.86	1459	6.34	c 1046	2.24	c 84	3.90	c 510	6.47	c 566	2.48	136	3.02	133	15	12	6	5	17
18	8.86	1459	6.41	1069	2.81	230	4.42	629	6.74	620	2.56	154	4.30	217	14	12	8	4	18
19	8.84	1454	6.45	1079	2.95	272	4.62	673	6.83	639	2.74	203	4.08	202	13	10	—	—	19
20	8.78	1440	6.44	1076	3.07	308	4.80	712	6.90	655									20
21	8.84	1454	6.42	1070	3.07	308	4.76	702	6.90	655	2.82	224	4.08	202	12	10	7	5	21
22	8.86	1459	6.24	1018	3.05	302	4.82	717	6.90	655	2.82	224	4.08	202	12	10	6	5	22
23	8.86	1459	6.38	1058	2.85	242	4.52	651	6.71	624	2.66	180	4.00	196	10	9	2	3	23
24	8.86	1459	6.38	1058	2.78	221	4.46	637	6.73	618	2.58	159	4.00	196	9	7			24
25	8.86	1459	6.38	1058	2.85	242	4.50	646	6.75	622	2.58	159	4.00	196	7	6	0	0	25
26	8.88	1463	6.40	1064	2.90	257	4.62	672	6.80	632	2.64	175	4.06	200					26
27	8.88	1463	6.43	1073	2.93	266	4.66	681	6.83	639									27
28	8.90	1468	6.43	1073	2.87	248	4.62	672	6.80	632	2.64	175	4.06	200	6	6	3	0	28
29	8.98	1486	6.32	1041	2.89	254	4.56	659	6.75	622	2.58	159	4.04	199	6	4	2	0	29
30	8.94	1477	6.40	1064	2.93	266	4.66	681	6.81	635	2.60	164	4.06	200	5	4	3	2	30
31															6	5	3	4	31
Total																			
Mean																			

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June 1982

	Magic		#3		#4		#5		East		West		J.B. Head			E.Spill 8	W1 9	W-2 6	
1	930.9	175,890	6.54	2400	5.57	646	4.13	1620	2.76	300	2.52	140	1.07	128		10	14	18	1
2	930.9	175,890	6.06	1970					2.76	300	2.54	142	1.06	124		13	16	18	2
3	931.3	177,370	4.90	1080	5.58	648	2.29	572	2.78	303	2.54	142	1.02	116		15	18	18	3
4	931.8	179,230	4.92	1090	5.58	648	2.30	576	2.77	302	2.54	142	1.05	122		15	21	15	4
5	932.3	181,108	4.66	912	5.35	601	2.03	465	2.80	305	2.56	144	.80	76		15	23	15	5
6	932.7	182,620	4.50	811	5.13	542	1.92	421	2.95	325	2.54	142	.54	40		/	/	/	6
7	933.3	184,906	4.52	824	5.13	542	1.97	441	2.74	298	2.54	142	.52	36		12	26	15	7
8	933.7	186,442	4.56	848	5.12	540	2.01	457	2.76	300	2.56	144	.52	36		12	26	20	8
9	934.0	187,596	4.53	830	5.13	542	1.98	445	2.72	295	2.56	144	.53	38		12	29	25	9
10	934.2	188,276	4.55	842	5.15	547	1.98	445	2.64	284	2.54	142	.60	46		12	18	25	10
11	934.5	189,546	4.55	842	5.13	542	1.99	449	2.66	287	2.54	142	.61	47		12	-	15	11
12	934.9	191,109	4.58	861	5.13	542	2.00	453	2.68	290	2.54	142	.55	40		12	16	11	12
13	935.4	193,084	4.89	1070	5.14	545	2.36	603	2.70	292	2.54	142	.56	41					13
14	935.3	192,688	6.52	2380	5.18	554	4.12	1612	2.36	248	2.58	146	.38	22		12	0	8	14
15	935.3	192,688	6.80	2640	5.18	554	4.47	2284	2.68	290	2.57	145	.54	40		12	11	5	15
16	935.3	192,688	6.88	2710	5.45	617	4.42	1894	2.76	300	2.66	154	.82	79		12	11	9	16
17	935.3	192,688	7.62	3440	5.47	518	5.31	3234	2.74	298	2.67	155	.79	74		12	12	9	17
18	935.3	192,688	7.62	3440	5.48	520	5.30	3284	2.80	305	2.76	165	.68	57		12	—	10	18
19	935.4	193,084	7.80	3630	5.48	520	5.49	3414	2.80	305	2.81	171	.63	50		12	16	15	19
20	935.3	192,688	7.94	3780	5.49	522	5.66	3258	2.86	313	2.80	170	.62	49					20
21	935.3	192,688	7.94	3780	5.50	525	5.65	3255	2.80	305	2.78	167	.64	52		12	16	10	21
22	935.3	192,688	7.84	3670	5.50	525	5.53	3096	2.80	305	2.78	167	.64	52		15	11	15	22
23	935.2	192,292	7.82	3650	5.51	527	5.54	3109	2.78	303	2.79	168	.60	46		15	—	15	23
24	935.2	192,292	7.84	3670	5.53	531	5.64	3242	2.81	307	2.80	170	.62	49		15	9	15	24
25	935.2	192,292	7.74	3530	5.53	531	5.00	2449	2.78	303	2.78	167	.69	59		15	7	15	25
26	935.2	192,292	7.60	3380	5.50	525	5.30	1798	2.81	307	2.78	167	.58	44		15	8	15	26
27	934.1	191,896	7.28	3060	5.57	540	4.97	2416	2.85	312	2.76	165	.55	40		/	/	/	27
28	935.2	192,292	6.94	2736	5.57	540	4.52	1922	2.80	305	2.74	164	.54	40		15	12	15	28
29	935.3	192,688	7.40	3180	5.58	542	5.15	2504	2.81	307	2.73	162	.57	42		15	12	15	29
30	935.3	192,688	7.52	3300	5.60	547	5.33	2836	2.78	303	2.72	161	.57	42		11	15	15	30
31																			31
Total																			
Mean																			

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July 1982

	Magic		# 3		# 4		# 5		East		West		J.B.	Head		W-1	W-2	E spill	
1	935.2	192,292	7.28	3060	5.61	549	5.04	2493	2.82	308	2.74	163	.56	.41		15	15	11	1
2	935.2	192,292	6.90	2700	5.63	554	4.60	2009	2.78	303	2.73	162	.60	46		15	15	/	2
3	935.1	191,896	6.80	2600	5.65	558	4.47	1875	2.80	305	2.72	161	.56	41		17	18	15	3
4	935.1	191,896	6.74	2550	/	/	/	/	2.80	305	2.73	162	.56	41		/	/	/	4
5	935.1	191,896	6.52	2340	5.68	565	4.15	1577	2.64	284	2.63	151	.58	57		15	12	8	5
6	935.0	191,500	6.42	2250	5.50	563	4.02	1473	2.66	287	2.64	152	.67	56		15	11	8	6
7	935.0	191,500	5.28	1320	5.57	579	2.84	795	2.86	313	2.78	167	.72	63		29	18	15	7
8	935.1	191,896	5.32	1350	5.57	579	2.86	805	2.84	311	2.80	170	.78	73		27	30	15	8
9	935.1	191,896	5.38	1390	5.55	574	2.91	830	2.79	304	2.80	170	.80	76					9
10	935.1	191,896	5.36	1380	5.33	525	2.96	855	2.69	291	2.68	156	.73	65		13	15	15	10
11	935.1	191,896	5.34	1370	5.43	547	2.92	835	2.68	290	2.72	161	.74	66					11
12	935.1	191,896	5.00	1120	5.42	545	2.57	660	2.72	295	2.72	161	.70	60		10	12	12	12
13	935.2	192,292	4.72	©1100	5.43	©527	2.28	©558	2.71	294	2.72	161	.66	54		10	12	12	13
14	935.1	191,896	5.96	1860	5.66	579	3.50	1178	2.74	298	2.73	162	.90	93		12	12	11	14
15	935.1	191,896	5.42	1430	5.65	577	2.94	880	2.70	292	2.71	160	.89	91		12	9	12	15
16	935.2	192,292	5.08	1370	5.64	574	2.58	709	2.72	295	2.68	156	.84	83		12	9	12	16
17	935.2	192,292	5.04	1340	5.93	644	2.45	635	2.90	318	2.78	167	.98	108					17
18																			18
19	9357	191,896	4.62	1030	5.92	641	1.95	424	2.88	316	2.77	166	.97	106		9	9	11	19
20	9357	191,896	4.64	1050	5.93	644	1.93	416	2.88	316	2.76	165	.98	108		9	9		20
21	9357	191,896	4.66	1060	5.92	641	1.92	412	2.82	308	2.76	165	.96	104		7	8	4	21
22	9357	191,896	4.66	1060	6.09	683	1.83	376	2.92	321	2.82	172	1.06	124		7	8	6	22
23	9350	191,683	4.61	1030	6.11	©688	1.72	©333	2.96	326	2.82	172	1.02	116		7	8	6	23
24	9349	191,109	4.60	1020	6.10	683	1.69	329	2.96	326	2.83	173	1.02	116		10	10	4	24
25	9348	190,718	4.60	1020	6.08	678	1.63	307	2.97	327	2.83	173	1.02	116					25
26	934.7	190,327	4.68	1080	6.17	702	1.80	372	2.96	326	2.84	174	1.04	120		10	10	9	26
27	934.5	189,546	4.68	1080	6.17	702	1.85	392	2.93	322	2.84	174	1.03	118	/	10	10	9	27
28	934.3	189,766	4.66	1060	6.19	707	1.80	372	2.97	327	2.83	173	1.02	116		10	12	9	28
29	934.2	189,276	4.62	1030	6.18	705	1.72	340	2.96	326	2.82	172	1.03	118		15	12	11	29
30	934.1	189,986	4.60	1020	6.10	683	1.57	287	2.94	324	2.84	174	1.18	150		15	12	11	30
31	933.9	189,211	4.60	1020	5.99	656	1.65	314	2.93	322	2.82	172	1.07	126					31
Total																			
Mean																			

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July 1982

	#	15	#	53	#	54	#	14	#	56	#	51	#	52	Dry	Knoll	Main	L.S.	
1	3.32	333	6.36	1052	2.95	272	4.66	681	6.80	632	2.58	159	4.82	196	7	6	3	2	1
2	3.34	337	6.34	1046	2.97	278	4.70	690	6.79	630	2.58	159	4.04	198					2
3	3.32	333	6.31	1038	2.94	269	4.59	666	6.74	620	2.56	159	4.02	196	5				3
4	3.33	335	6.35	1049	3.02	293	4.72	695	6.80	632									4
5	3.20	312	6.45	1079	3.01	290	4.79	710	6.85	643	2.70	192	4.08	202	6	10	5	5	5
6	3.20	312	6.47	1085	3.03	296	4.80	712	6.85	643	2.64	175	4.08	202	9	10	4	4	6
7	3.23	317	6.40	1041	3.05	302	4.79	710	6.83	639	2.18	186	4.10	203	7	10	6	3	7
8	3.25	321	6.43	1073	3.09	314	4.79	710	6.85	643	2.68	186	4.08	202	13	12	5	3	8
9	3.24	322	6.24	1010	3.00	287	4.64	676	6.69	610	2.66	180	4.06	200	12	8	5	3	9
10	3.21	313	6.02	958	2.91	260	4.34	611	6.50	572	2.50	140	4.00	196	9	5			10
11	3.15	303	5.98	947	2.58	161	4.94	528	6.32	538									11
12	3.17	306	5.92	932	2.48	134	3.84	508	6.25	524	2.26	96	3.82	182	0	0	3	2	12
13	3.14	301	5.09	976	2.26	88	3.70	481	6.24	522	1.89	56	4.06	200	0	0	0	2	13
14	3.28	326	6.22	1013	2.17	73	3.78	496	6.32	538	2.00	66	4.14	206	3	2	4	2	14
15	3.30	330	6.33	1044	2.18	74	3.84	508	6.35	543	2.14	94	4.11	235	5	3	3	1	15
16	3.00	330	6.34	1046	2.15	70	3.80	500	6.34	541	2.10	88	4.11	235	5	4	4	2	16
17	3.30	330	6.35	1049	2.14	68	3.80	500	6.35	543	2.06	84	4.10	234	5	4	2	2	17
18																			18
19	3.32	333	6.37	1055	2.24	84	3.88	516	6.39	551	2.05	82	4.09	233	5	4	3	2	19
20	3.26	322	6.36	1052	2.11	64	3.80	508	6.34	541	1.90	66	4.00	227	5	0	1	1	20
21	3.27 ②	360	6.41 ②	1061	2.03 ②	56	3.78 ②	548	6.35 ②	592	1.81	58	4.08	233	2	1	1	3	21
22	3.28	362	6.45	1073	1.97	50	3.74	540	6.36	594	1.78	56	4.06	231	0	0	2	4	22
23	3.31	367	6.49	1085	2.06	60	3.81	554	6.40	602	1.70	50	4.10	234	1	2	1	4	23
24	3.31	367	6.57	1109	2.07	62	3.84	560	6.43	609	1.82	58	4.16	240	3	3	4	2	24
25	3.33	371	6.59	1115	2.07	62	3.90	572	6.47	616									25
26	3.35	375	6.61	1121	2.11	67	3.96	585	6.51	624	1.98	74	4.22	243	2	4	4	6	26
27	3.34	373	6.60	1118	2.14	71	3.97	587	6.50	622	2.20	102	4.22	243	5	4	3	6	27
28	3.35	375	6.65	1133	2.22	84	4.05	604	6.56	635	2.34	127	4.16	238	7	3	5	6	28
29	3.35	375	6.73	1157	2.38	116	4.24	646	6.63	650	2.34	127	4.14	237	7	3	7	6	29
30	3.32	369	6.61	1121	2.38	116	4.20	637	6.55	632	2.28	116	4.12	236	7	3	4	7	30
31	3.39	371	6.55	1103	2.59	170	4.30	659	6.61	646	2.08	106	4.12	236					31
Total																			
Mean																			

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	Mag	ic	#	3	#	4	#	5	~~July~~ Aug. 1982 East		West		J.B	Head		W-1	W-2	E. Spill	
1	933.8	186,826	4.57	999	5.97	651	1.66	318	2.91	320	2.83	167	1.07	126		[illegible]	12	—	1
2	933.6	186,058	4.58	1010	5.97	651	1.68	325	2.92	321	2.80	164	1.06	124		30	12	20	2
3	933.2	184,522	4.56	992	5.98	653	1.60	297	2.92	321	2.82	166	1.06	124		30	12	23	3
4	933.1	184,138	4.42	899	5.72	591	1.57	287	2.80	305	2.74	158	.86	.86		17	12	16	4
5	932.9	183,376	4.50	952	5.74	C 615	1.70	C 332	2.83	309	2.74	158	.87	.88				14	5
6	932.7	182,620	4.50	952	5.74	615	1.68	325	2.82	308	2.71	154	.88	90					6
7	932.4	181,486	4.50	952	5.75	617	1.66	318	2.80	305	2.73	156	.88	90		17	12	12	7
8																			8
9	931.8	179,230	4.46	925	5.74	615	1.62	304	2.83	309	2.68	151	.87	88		15	12	11	9
10	931.5	178,114	4.48	939	5.75	617	1.68	325	2.81	307	2.68	151	.86	86		15	10	10	10
11	931.2	176,998	4.48	939	5.75	617	1.67	322	2.90	316	2.74	158	.78	79		15	10	—	11
12	930.8	175,524	4.47	932	5.76	620	1.67	322	2.87	314	2.72	155	.78	73		15	10	13	12
13	930.4	174,061	4.47	932	5.76	620	167	322	2.86	313	2.76	160	.78	73		13	8	—	13
14	930.1	172,966	4.46	925	5.76	620	1.63	307	2.87	314	2.74	158	.78	73		—	—	10.2	14
15																			15
16	929.2	171,727	4.50	952	5.79	627	1.75	352	2.85	312	2.74	156	.79	74		15	15	12	16
17	928.9	168,656	4.50	952	5.79	627	1.77	360	2.86	313	2.72	155	.78	73		15	15	11	17
18	928.5	167,244	4.50	952	5.91	656	1.66	318	2.84	311	2.73	156	.88	90		15	15	12	18
19	928.1	165,832	4.50	952	5.90	653	1.73	344	2.83	309	2.74	158	.90	93		15	15	13	19
20	927.7	164,438	4.50	952	5.91	656	1.72	340	2.84	311	2.70	152	.87	88		15	15	14	20
21	927.4	163,396	4.50	945	5.92	620	1.70	325	2.78	303	2.67	150	.90	93					21
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—					22
23	926.4	159,968	4.50	945	5.93	622	1.70	325	2.80	305	2.67	150	.89	90		15	15	9	23
24	926.1	158,948	4.49	939	5.93	622	1.72	332	2.79	304	2.68	151	.88	90		15	15	9	24
25	925.6	157,270	4.49	939	5.95	627	1.72	332	2.77	302	2.65	148	.88	90		14	15	9	25
26	925.2	155,934	4.49	939	5.95	627	1.71	329	2.77	302	2.65	148	.88	90		14	15	8	26
27	924.8	154,610	4.46	919	5.95	627	1.67	314	2.78	303	2.66	149	.88	90		14	15		27
28	924.4	153,298	4.46	919	5.96	629	1.67	314	2.82	308	2.60	143	.85	84					28
29																			29
30	923.6	150,699	4.44	906	5.96	629	1.71	329	2.81	307	2.60	143	.83	81		15	16	15	30
31	923.2	149,473	4.36	855	5.83	596	1.56	276	2.84	311	2.61	144	.62	49					31
Total																			
Mean																			

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Aug. 1982

	#	60	#	17	#	19	1	X		Y		Z	#	21	Tot −	#	93	
1	9.20	1456	2.13	171	1.00	56	5.26	397	2.96	166	0.98	86	3.21	294	+160	3.18	43	1
2	9.20	1456	2.14	171	1.08	66	5.01	352	2.90	158	.98	86	3.26	304	+123	3.19	44	2
3	9.18	1454	2.20	180	1.14	76	5.25	395	2.88	156	.98	86	3.23	298	+158	3.21	44	3
4	9.18	1454	2.31	196	1.05	64	5.21	388	2.86	153	.96	84	3.40	335	+166	3.23	45	4
5	9.18	1454	2.25	186	1.04	62	4.95	341	2.88	156	.95	83	3.50	357	+117	3.22	45	5
6	9.16	1449	2.17	176	1.09	69	4.88	329	2.88	156	.95	83	3.25	302	+105	3.20	44	6
7	9.18	1454	2.19	179	1.10	70	4.74	304	2.90	158	.96	84	3.18	288	+62	3.21	45	7
8	/	/	2.26	180	1.08	67	4.79	312	2.92	161	.96	84	3.08	268	+79	3.21	45	8
9	9.18	1454	2.14	172	1.03	61	4.75	305	2.94	164	.96	84	3.14	280	+72	3.20	44	9
10	9.18	1454	2.20	180	1.04	62	4.76	©283	2.90	©157	.96	©79	3.08	268	+62	3.20	©38	10
11	9.18	1454	2.05	159	1.08	67	4.65	264	2.88	154	.96	79	3.10	272	+46	3.18	38	11
12	9.20	1459	2.05	159	1.06	65	4.57	252	2.88	154	.96	79	3.00	252	+34	3.16	37	12
13	9.20	1459	2.07	162	1.06	65	4.51	242	2.88	154	.96	79	2.90	233	+9	3.15	36	13
14	9.20	1459	2.06	161	1.05	64	4.07	181	2.88	154	.96	79	2.85	220	−52	3.15	36	14
15	9.20	1459	2.09	165	1.07	66	4.68	270	2.88	154	.96	79	2.77	209	+42	3.17	37	15
16	9.20	1459	2.11	168	1.19	84	4.72	276	2.88	154	.96	79	3.08	268	+53	3.18	37	16
17	9.20	1459	2.04	158	1.20	85	4.68	270	2.84	149	.94	76	3.25	302	+45	3.18	37	17
18	9.20	1459	1.93	142	1.21	87	4.63	261	2.90	157	.93	75	3.23	298	+29	3.14	36	18
19	9.20	©1401	1.91	140	1.15	77	4.50	241	2.92	160	.92	74	3.14	280	+7	3.26	40	19
20	9.20	1401	1.96	147	1.05	64	4.60	256	2.92	160	.92	74	2.99	250	+22	3.30	42	20
21	9.18	1396	1.95	145	1.18	82	4.55	253	2.92	160	.92	74	3.04	260	+19	3.25	40	21
22	–	–	2.03	157	1.20	85	4.61	258	2.92	160	.96	79	3.07	266	+19	3.27	41	22
23	9.20	1401	2.08	160	1.20	85	4.55	248	2.92	160	.96	79	3.10	272	+9	3.29	42	23
24	9.18	1396	2.07	162	1.22	89	4.61	258	2.92	160	.96	79	3.07	ⓐ288	+19	3.30	42	24
25	9.17	1394	2.06	161	1.24	93	4.65	264	2.92	160	.96	79	3.13	304	+25	3.29	42	25
26	9.17	1394	2.00	152	1.26	96	4.65	264	2.90	157	.98	81	3.26	326	+26	3.27	41	26
27	9.18	1396	1.97	148	1.23	91	4.57	252	2.90	157	.98	81	3.25	326	+14	3.26	40	27
28	9.20	1401	1.98	150	1.13	74	4.27	207	2.94	162	.97	80	3.08	290	−35	3.30	42	28
29			2.06	161	1.15	77	4.36	220										29
30	9.20	1401	2.16	175	1.24	93	4.46	235	2.94	162	.97	80	3.00	274	+8	3.26	40	30
31	8.76	1300	2.35	201	1.25	94	4.60	256	2.88	154	.95	77	3.24	324	+40	3.28	41	31
Total	8.77	−100																
Mean		1464	28															

IWRB00003297

Sept 1982

	Magic		#3		#4		#5		East		West		J.B	Head		W-1	W-2	E spill	
1	929.8	148,139	4.37	861	5.80	591	1.64	304	2.74	295	2.55	138	.61	47		16	15	19	1
2	922.4	146,877	4.38	867	5.81	593	1.65	307	2.77	302	2.54	137	.61	47		16	15	17	2
3	922.0	145,677	4.38	867	5.81	593	1.66	311	2.72	295	2.54	137	.69	59		16	15	—	3
4	921.6	144,380	4.30	817	5.62	549	1.60	290	2.61	281	2.50	133	.54	40		20	15	23	4
5																			5
6	920.8	141,920	4.38	C 861	5.64	C 518	1.75	C 340	2.60	C 284	2.46	C 136	.55	40		20	15	29	6
7	920.5	141,011	4.28	799	5.64	518	1.62	293	2.61	286	2.45	135	.53	38				30	7
8	920.0	139,498	4.18	735	5.41	470	1.55	270	2.48	269	2.38	128	.31	17		19	20	15	8
9	919.7	138,607	4.18	735	5.41	470	1.57	276	2.49	270	2.40	130	.32	18		21	15		9
10	919.3	137,420	4.17	728	5.42	472	1.55	270	2.40	258	2.27	118	.50	34		15			10
11	919.0	136,539	4.17	728	5.41	470	1.56	273	2.36	253	2.27	118	.50	35					11
12																			12
13	918.3	134,499	4.17	728	5.43	472	1.56	273	2.36	253	2.26	118	.50	35		13	12	12	13
14	917.9	133,345	4.18	735	5.43	474	1.57	276	2.39	257	2.28	119	.51	35		13	12	12	14
15	917.6	132,493	4.17	728	5.42	472	1.56	273	2.35	252	2.26	118	.51	35		14	12	12	15
16	917.3	131,641	4.17	728	5.43	474	1.56	273	2.34	251	2.23	115	.49	33		12	12	17	16
17	917.0	130,789	4.17	728	5.43	474	1.57	276	2.34	251	2.30	121	.50	34		12	12	17	17
18	916.6	129,665	4.16	722	5.43	474	1.55	270	2.38	256	2.30	121	.50	34					18
19	916.3	129,823																	19
20	916.0	127,982	7.16	722	5.44	4.76	1.55	270	2.38	256	2.29	120	.51	35		17	12	20	20
21	915.6	126,874	4.16	722	5.44	4.76	1.55	270	2.40	256	2.30	121	.50	34		15	15	24	21
22	915.2	125,766	4.16	722	5.45	479	1.54	267	2.40	258	2.30	121	.57	36					22
23	914.9	124,938	4.08	673	5.29	446	1.51	258	2.25	239	2.26	118	.42	26		15	15	19	23
24	914.6	124,116	4.08	673	5.29	446	1.50	255	2.24	238	2.23	116	.42	26		15	15	21	24
25	914.3	123,294	4.08	673	5.29	446	1.50	255	2.26	240	2.24	116	.41	25					25
26																			26
27	913.6	121,399	4.08	673	5.29	446	1.50	255	2.24	238	2.22	114	.41	25		10	12	21	27
28	913.3	120,852	4.07	667	5.28	444	1.49	252	2.31	247	2.22	114	.41	25		12	12		28
29	912.9	119,505	4.07	667	5.29	446	1.48	249	2.26	240	2.26	118	.48	32		12	12	23	29
30	912.6	118,704	4.07	667	5.29	446	1.49	252	2.28	242	2.24	116	.49	33					30
31																			31
Total																			
Mean																			

IWRB00003298

Sept 1987

	# 15		# 53		# 54		# 14		# 56		# 51		# 52		Dry	Krill	Main	L.S.	
1	3.09	306	6.46	1082	2.32	104	4.08	611	6.48	616	2.32	107	4.08	236	13	6	4	2	1
2	3.05	299	6.46	1082	2.31	102	4.04	602	6.49	618	2.30	104	4.08	236	10	7	4	2	2
3	3.10	308	6.50	1094	2.37	114	4.12	620	6.52	624	2.34	111	4.10	237	10	7			3
4	3.10	308	6.55	1109	2.39	118	4.16	629	6.55	630	2.31	C 109	4.10	C 235					4
5																			5
6	3.15	C 312	6.44	1076	2.30	100	3.96	585	6.42	604	2.36	118	4.12	236	10	7	4	2	6
7	3.22	324	6.46	C 1067	2.38	C 129	4.00	C 562	6.45	C 610	2.42	129	4.34	253	11	12	5	4	7
8	3.22	324	6.42	1055	2.21	100	3.93	546	6.43	606	2.24	98	4.09	229	12	10	5	4	8
9	3.20	321	6.38	1044	2.03	68	3.81	521	6.44	608	2.08	77	4.14	238	12	10	7	5	9
10	3.17	315	6.33	1030	1.96	59	3.76	512	6.40	600	2.06	75	4.14	238	13	10	5	6	10
11	3.17	315	6.35	1035	1.98	62	3.76	512	6.41	602	2.00	69	4.12	236	15	10	6	7	11
12																			12
13	3.20	321	6.47	1070	2.16	90	3.97	554	6.59	639	2.22	95	4.20	242	12	15	11	9	13
14	3.23	326	6.50	1079	2.24	106	4.06	572	6.57	635	2.32	111	4.28	249	12	17	9	8	14
15	3.15	312	6.49	1073	2.33	124	4.08	576	6.47	614	2.40	125	4.18	241	17	17	8	9	15
16	3.13	308	6.47	1070	2.41	144	4.09	578	6.45	610	2.38	121	4.14	238	14	10	10	9	16
17	3.17	315	6.38	1044	2.46	158	4.02	564	6.23	566	2.40	125	4.14	239	15	15	15	12	17
18	3.09	301	6.31	1024	2.40	142	3.90	540	6.14	549	2.38	121	3.96	225	14	8	17	13	18
19																			19
20	3.10	303	6.33	1030	2.46	158	3.94	548	6.13	547	2.48	142	3.90	221	16	12	15	13	20
21	2.93	272	6.36	1038	2.50	170	4.00	560	6.18	557	2.60	172	3.72	208	14	12	14	12	21
22	2.92	270	6.38	1044	2.52	176	4.02	564	6.18	557	2.62	178	3.68	205	12	10	14	12	22
23	2.93	272	6.37	1041	2.54	182	4.04	568	6.16	553	2.68	194	3.60	200	12	10	13	12	23
24	2.80	250	6.32	1027	2.45	155	3.93	546	6.13	547	2.62	178	3.58	198	13	12	10	12	24
25	2.80	250	6.34	1032	2.48	147	3.92	544	6.17	555	2.66	189	3.58	198	10	12	13	11	25
26																			26
27	2.81	252	6.40	1055	2.50	170	4.04	568	6.26	572	2.74	212	3.64	203	12	20	17	16	27
28	2.82	253	6.45	1064	2.60	200	4.15	591	6.28	576	2.80	230	3.68	205	17	17	16	17	28
29	2.61	219	6.55	1094	2.68	224	4.31	626	6.40	600	3.12	352	3.16	169	10	2	17	16	29
30	2.61	219	6.54	1091	2.69	227	4.34	633	6.35	590		400	2.48	127	4	0	22	19	30
31																			31
Total																			
Mean																			

IWRB00003299

							Oct	1982									
	#	60	#	17	#	9	X		y		Z	#	21	" o/ -	#	93	
1	7.70	1075															1
2	7.76	1075															2
3																	3
4	7.73	1124															4
5	7.72	1122															5
6	7.18	1010															6
7	7.14	1002															7
8	7.16	1006															8
9	7.18	1010															9
10	7.16	1006															10
11		055															11
12																	12
13							S Fork Main				No. 1	1982					13
14	#	3	#	4	#	5	E Main		W. Main		E						14
15	3.96	584	3.98	2.92		250'	1.90	189	1.86	1.5	.05	12					15
16	3.98	595	4.26	3.36		200	1.74	170	1.50	1.2	.24	2.4					16
17																	17
18				200'													18
19	ord	ord	3.05	1.46	day	201'	To pa	down #5			increased to 3.96				200 #5	300 #4	19
20	with	160	-153'	East		1.46	West 57	Mal J.B									20
21																	21
22																	22
23																	23
24		1505															24
25																	25
26																	26
27																	27
28																	28
29																	29
30																	30
31																	31
Total																	
Mean																	

IWRB00003300

IWRB00003301

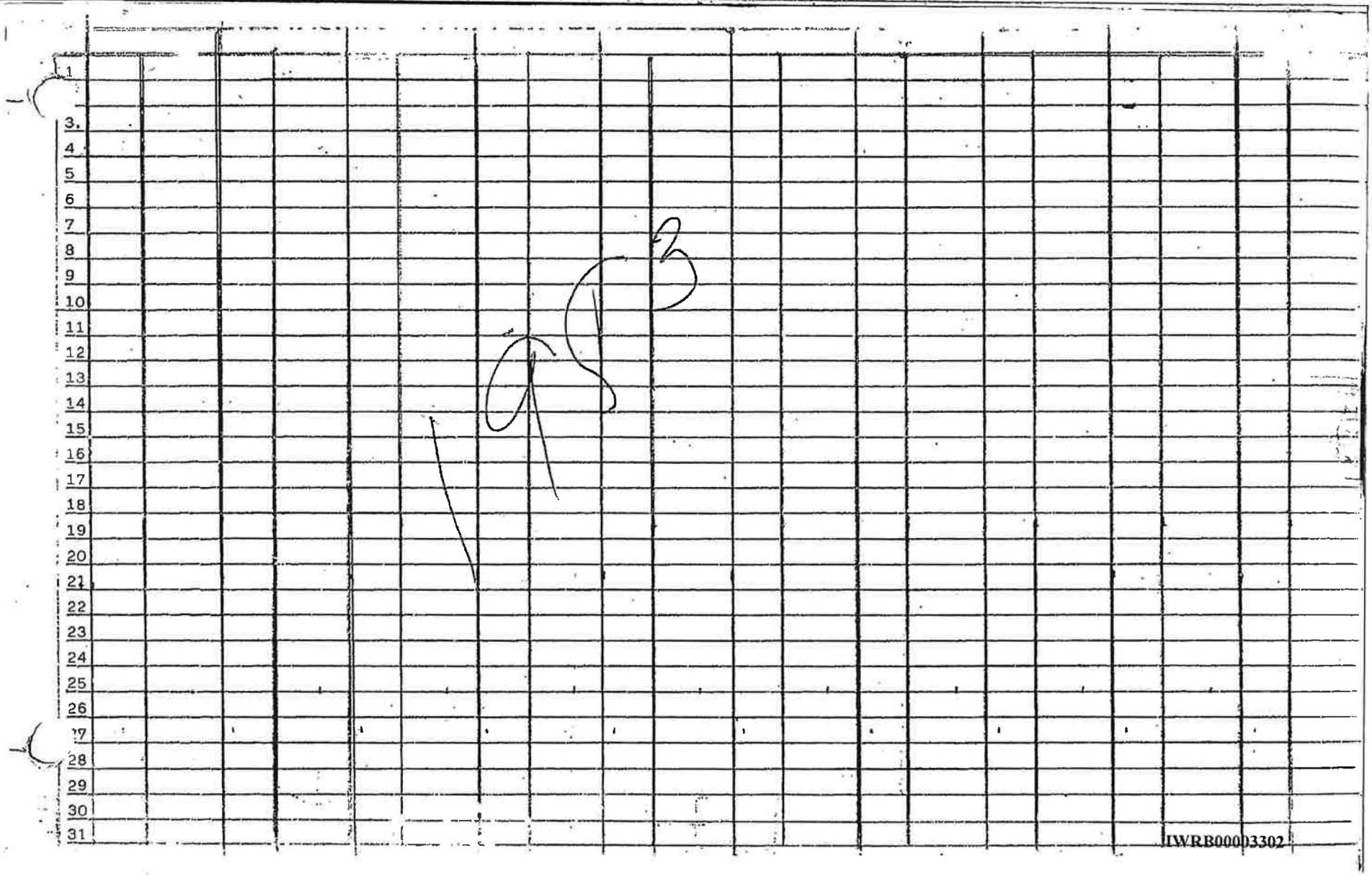
ACOUSTIC CURRENT.

Rated by U.S. Bureau of Standards,

Time	VELOCITY - FT. PER SEC.												
	10 Rev.	15 Rev.	20 Rev.	30 Rev.	40 Rev.	50 Rev.	60 Rev.	70 Rev.	80 Rev.	90 Rev.	100 Rev.	150 Rev.	200 Rev.
40	.58		1.10	1.66	2.20	2.75	3.30	3.85	4.40	4.95	5.50		
41	.57		1.07	1.62	2.15	2.69	3.22	3.76	4.30	4.85	5.37		
42	.56		1.05	1.58	2.10	2.63	3.15	3.67	4.21	4.72	5.25		
43	.55		1.05	1.54	2.05	2.57	3.08	3.59	4.11	4.61	5.13		
44	.54		1.01	1.50	2.00	2.51	3.00	3.50	4.01	4.50	5.01		
45	.53		.99	1.47	1.96	2.45	2.93	3.42	3.92	4.40	4.89		
46	.53		.97	1.44	1.92	2.40	2.87	3.35	3.84	4.31	4.79		
47	.52		.95	1.41	1.88	2.35	2.81	3.28	3.76	4.22	4.69		
48	.51		.93	1.38	1.84	2.30	2.75	3.21	3.68	4.13	4.59		
49	.50		.91	1.35	1.80	2.25	2.69	3.14	3.60	4.04	4.49		
50	.49		.89	1.33	1.76	2.20	2.64	3.08	3.52	3.96	4.40		
51	.49		.88	1.30	1.72	2.16	2.59	3.02	3.46	3.89	4.32		
52	.48		.87	1.27	1.69	2.12	2.54	2.97	3.39	3.82	4.24		
53	.47		.85	1.25	1.66	2.08	2.49	2.91	3.33	3.75	4.16		
54	.46		.83	1.22	1.63	2.04	2.44	2.85	3.26	3.68	4.05		
55	.45		.82	1.20	1.60	2.00	2.40	2.80	3.20	3.61	4.00		
56	.45		.81	1.18	1.57	1.96	2.36	2.75	3.15	3.55	3.93		
57	.44		.79	1.16	1.54	1.93	2.32	2.71	3.09	3.49	3.86		
58	.43		.77	1.14	1.52	1.90	2.28	2.66	3.04	3.43	3.79		
59	.43		.76	1.12	1.49	1.86	2.24	2.61	2.98	3.37	3.72		
60	.42		.75	1.11	1.47	1.83	2.20	2.57	2.93	3.31	3.64		
61	.42		.74	1.09	1.44	1.80	2.17	2.53	2.88	3.26	3.60		
62	.41		.73	1.07	1.42	1.77	2.14	2.49	2.84	3.20	3.54		
63	.41		.72	1.05	1.40	1.74	2.10	2.45	2.79	3.15	3.49		
64	.40		.71	1.03	1.37	1.71	2.07	2.41	2.75	3.10	3.43		
65	.40		.70	1.02	1.35	1.69	2.03	2.37	2.70	3.05	3.38		
66	.39		.69	1.00	1.33	1.66	2.00	2.34	2.66	3.01	3.33		
67	.39		.68	.98	1.31	1.64	1.97	2.30	2.62	2.95	3.28		
68	.38		.67	.97	1.29	1.62	1.94	2.27	2.58	2.91	3.23		
69	.38		.66	.95	1.27	1.57	1.91	2.23	2.54	2.86	3.18		
70	.38		.65	.94	1.26	1.57	1.88	2.20	2.51	2.82	3.14		

Test, No. AC 16

Sta. 9-10. State Fish Hatch.



IWRB00003302

April 1983

	#60		#17		#9		#X		#Y		#Z		+or-		#21		#93			
1																				1
2																				2
3																				3
4																				4
5																				5
6																				6
7																				7
8																				8
9																				9
10																				10
11																				11
12																				12
13																				13
14																				14
15																				15
16																				16
17																				17
18																				18
19																				19
20	4.75	615																		20
21			3.25	3.42	5.01	1570	3.79	216												21
22			3.30	3.40	5.07	1590	4.20	266												22
23																				23
24																				24
25	4.75	615	3.40	3.68	5.25	1697	4.39	291												25
26	4.75	615	3.23	3.39	5.22	16.84	4.27	275	1.94	45	.36	22	+	223	7.72	2580				26
27	4.75	615	3.20	3.34	5.13	16.30	4.14	258	1.92	43	.46	28	+	201	7.70	2560	2.54	21		27
28	4.75	605	3.21	3.36	5.20	16.69	3.68	203	1.98	48	.46	28	+	142	7.65	2510	2.53	21		28
29	4.75	615	2.96	2.95	5.25	16.86	4.37	288	2.12	62	46	28	+	213	7.62	2480	2.52	21		29
30	5.72	804	3.26	2.80	5.15	1641	4.43	309	2.12	62	48	29	+	233	7.72	2580	2.53	29		30
31		9879																		31

IWRB000003303

April 1983

	Magic		#3		#4		#5		East		West		Head J.B		W-1	W-2	E. spill		# 48	
1		117																		
2																				
3																				
4		11525																		
5		114768																		
6		113167																		
7		111970																		
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20	916.2	128593																		
21	917.9	133345	5.98	1980	2.28	83	4.39	1855												
22	919.4	137746																		
23																			283	167
24																				
25	924.0	151967	5.98	1980																
26	925.8	157938	6.06	2050	2.30	84	4.50	1967											284	169
27	927.0	162012	—	—	—	—	—	—											—	—
28	927.7	164436	6.08	2070	2.30	84	4.53	1999											283	167
29	928.2	166185																		
30	928.7	167950	6.10	2090	2.30	84	4.54	2009											283	167
31																				

IWRB00003304

May 1483

	# 60		# 17		# 9		# X		# Y		# Z		+hor-	# 21		# 93			
1	5.94	838	3.27	c282	5.51	1845	4.51	319	2.20	71	.48	29	+	234	7.75	2830	2.55	29	1
2	5.85	820	3.27	282	5.54	1863	4.61	333	2.28	80	.48	29	+	239	7.92	2800	2.56	29	2
3	5.84	816	3.35	295	5.33	1740	4.45	310	2.38	92	.48	29	+	177	7.90	2778	2.56	29	3
4	5.84	816	3.37	298	5.85	2104	4.39	304	2.50	106	.49	30	+	163	8.09	2899	2.56	29	4
5	5.84	816	3.43	307	6.60	2883	4.24	284	2.42	96	.48	29	+	164	8.48	3438	2.57	29	5
6	5.78	806	3.53	323	7.14	3563	4.01	254	2.44	99	.47	29	+	141	8.81	3840	2.58	30	6
7	5.83	816	3.53	323	7.49	4141	4.45	312	2.46	101	.51	31	+	195	9.04	4140	2.59	30	7
8	5.83	816	3.54	325	7.63	4399	4.38	302	2.46	101	.51	31	+	185	9.09	4200	2.58	30	8
9	5.80	810	3.50	319	7.67	4479	4.20	279	2.44	99	.53	33	+	168	9.06	4160	2.59	30	9
10	5.82	814	3.32	296	7.46	4087	4.50	318	2.42	c 116	.53	c 36	+	181	8.84	4010	2.57	29	10
11	5.82	814	3.29	285	7.18	3627	4.18	270	2.44	119	.55	37	+	129	8.64	3630	2.58	30	11
12	5.82	814	3.45	311	6.77	3063	4.12	269	2.44	119	.55	37	+	128	8.40	3350	2.58	30	12
13	5.78	806	3.53	323	6.30	2529	4.07	262			.71	52	+	52	8.15	3060	2.58	30	13
14	5.81	812	3.53	323	5.90	2149	3.69	216	2.60	127	.74	55	+	49	7.84	2710	2.58	30	14
15	5.81	812	3.43	307	5.59	1893	3.28	167	2.50	127	.75	56	-	1	7.67	2530	2.58	30	15
16	5.81	812	3.40	303	5.40	1779	2.95	130	2.50	127	.74	55	-	40	7.56	2420	2.57	29	16
17	5.85	820	3.40	303	5.13	1630	3.27	166	2.50	127	.79	61	-	7	7.40	2260	2.58	30	17
18	6.40	930	3.31	288	4.81	1475	3.28	167	2.62	142	.86	70	+	30	7.21	2090	2.78	36	18
19	6.40	930	3.14	261	4.80	2086	3.18	156	2.70	153	.89	74	-	56	7.10	1990	2.77	36	19
20	6.90	1030	2.83	213	4.60	1920	3.11	147	2.70	153	.89	74	-	65	6.96	1870	2.72	34	20
21	6.90	1030	3.00	239	4.60	1920	3.48	191	2.76	161	.93	79	-	64	7.23	2110	2.85	39	21
22	6.90	1030	2.98	232	4.86	2140	3.35	175	2.86	175	.93	79	-	34	9.05	1950	2.85	39	22
23	6.88	1026	2.83	213	5.20	2459	3.65	211	2.86	175	.94	80			7.44		2.92	42	23
24	6.90	1060							2.86	175	.95	82	+	8	7.57	2430			24
25	6.88	1026	2.65	187	5.74	3063	4.00	253	2.88	178	.95	82	-	58	7.73	2590	3.00	45	25
26	7.37	1161	2.50	166	6.06	3485	3.45	187	2.88	178	.95	82	-	66	7.81	2688	2.96	43	26
27	7.38	1164	2.58	178	6.62	4379	3.53	197	2.92	183							3.09	48	27
28	7.37	1161	2.46	161	6.98	5159	3.71	218	2.96	189	.96	83	-	19	8.14	3040	3.07	48	28
29	7.84	1268	2.48	164	7.23	5659	4.10	266	2.98	192	.96	83	+	6	8.37	3310	3.08	48	29
30	7.83	1265	2.35	145	7.40	5999	4.16	274	2.98	192	.97	84	+	13	8.56	3540	3.06	47	30
31	7.84	1268	2.23	129	7.61	6019	4.42	308	2.98	192	.98	86	+	45	8.83	3860	3.06	47	31
		29,207																	

IWRB00003305

May 1983

	Magic		# 3		# 4		# 5		East		West		Head	J.B.	W-1	W-2	E Spill		# 48	
1	929.5	170,804																2.52	93.4	1
2	930.1	172,966																2.82	C 186	2
3	930.9	175,890	6.74	2670	3.40	183	5.00	2515			1.15	48								3
4	931.3	177,370	7.20	3110	4.00	278	5.46	3083	2.00	201	1.45	60	.50	34	4	4		2.85	192	4
5	931.5	178,114	7.75	3670	3.60	212	6.01	3844	1.24	110	1.36	55	.42	26	25	12				5
6	931.8	179,230	8.35	4310	3.49	195	6.89	4110	1.18	103	1.34	55	.46	30	25	12		2.90	202	6
7	932.0	179,974	8.70	4500	3.45	190	7.26	4532	1.12	95	1.30	53	.44	28						7
8																				8
9	931.9	179,602	8.48	4450	3.44	185	6.92	4128	1.18	103	1.46	60	.32	18				2.93	208	9
10	931.7	178,578	8.00	3930	3.45	190	6.41	3585	1.18	103	1.46	60	.34	19	15	10	70			10
11	931.6	178,114	7.64	3560	3.44	185	5.91	3090	1.18	103	1.48	61	.31	17	7	15	10	2.88	198	11
12	931.3	177,370	7.18	3090	3.59	210	5.46	2681	1.30	117	1.70	72	.28	15	0	15	10			12
13	931.0	176,256	6.88	2800	3.59	210	5.13	2400	1.30	117	1.72	73	.30	16	8	20	10	2.86	194	13
14	930.9	175,890	6.74	2670	3.59	210	4.87	2180	1.38	127	1.70	72	.23	11	7	20	10			14
15																				15
16	930.7	175.158	6.44	2390	3.60	212	4.55	1915	1.37	125	1.71	73	.24	12	20	10	6	2.84	190	16
17	930.7	175,158	6.46	2410	3.59	210	4.50	1885	1.50 C	141	1.74 C	74	.18	8	15	7	/			17
18	930.6	174,792	6.34	2300	3.60	212	4.41	1818	1.50 C	146	1.75 C	77	.17	8	10	7	4	2.83	188	18
19	930.6	174,792	6.38	2330	3.60	212	4.37	1788	1.50	146	1.74	78	.18	8	7	4	2.5			19
20	930.7	175,158	6.48	2430	4.03 C	3.24	4.38 C	2205	1.70	170	1.91	90	.38	22	20	7	11	2.84	190	20
21	930.9	175,890	6.66	2590	4.30	3.80	4.48	2290	1.92	196	2.10	103	.46	30						21
22																				22
23	931.3	177,370	7.26	3170	4.28	3.76	5.17	2976	2.00	206	2.12	104	.39	23	10	7	8	2.88	198	23
24	931.5	178,114	7.66	3580	4.29	3.78	5.63	3325	2.10	218	2.16	108	.22	10	8	6	4			24
25	931.6	178,486	8.08	4020	4.80	476	6.06	3755	2.38	255	2.54	142	.40	24	15	8	13	2.90	202	25
26	932.0	179,974	8.66	4660	5.04	531	6.73	4520	2.44	262	2.47	135	.79	74	5	8	3	2.95	211	26
27	932.3	181,108	9.26	5362	5.03	529	7.40	5350	2.60	283	2.54	142	.59	45	10	6	8			27
28	932.5	181.654	9.70	6014	5.44	624	7.74	6890	2.72	299	2.77	166	.94	101	11	16	11			28
29	932.6	182.242	9.92	6574	5.43	622	8.00	6198	2.77	305	2.78	167	.82	79	—	—	—	—		29
30	932.8	182,998		6848	5.42	620	8.24	6534	2.77	305	2.80	170	.79	74				2.95	211	30
31	933.0	183,754	10.69	7738	5.47	632	8.73	36632	2.80	309	2.80	170	.78	73	8	6	7			31

IWRB00003306.

June 1983

	#51		#52		#15	Main	L.S.	Krall	Dry	#19		#1		#2		
1	2.52	164	4.30	238	3.44	364	5	8	5	4	7.26	4,630			7.08	4,820	1
2	2.66	189	4.16	228	3.40	357	5	6	7	4	7.56	5,030					2
3	2.62	178	4.18	230	3.38	353	5	6	7	5	6.37	4,100					3
4	2.60	172	4.16	228	3.30	339	—	—	—	—	6.17	3,860	6.74	1120	7.13	4363	4
5	—	—	—	—	3.30	339	5	6	7	5	6.50	4260					5
6	2.64	183	4.16	228	3.30	339	5	6	8	4	6.50	4260					6
7	2.64	183	4.16	228	3.29	337	7	6	10	5	6.76	4140	—	—	7.23	4498	7
8	2.60	164	4.12	236	3.28	335	5	6	15	4	6.51	4280					8
9	2.56	154	4.18	240	3.28	335	4	8	15	5	6.80	4680	6.50	1020	7.51	4946	9
10	2.54	149	4.16	238	3.30	339	5	8	8	4	7.07	5000					10
11	2.58	159	4.18	240	3.31	340	7	10	10	5	7.05	4980					11
12					3.20	321					6.99	4900					12
13	2.70	192	4.26	246	3.21	322	7	16	12	4	6.20	3890	6.22	908	7.26	4546	13
14	2.78	224	4.18	240	3.13	308	7	10	10	7	5.62	3230					14
15	2.62	169	4.06	231	3.10	303	5	9	6	8	5.52	3120					15
16	2.54	149	4.00	227	3.01	286	5	8	8	9	5.48	3070	5.86	6.32	7.14	4314	16
17	2.34	109	3.94	223	2.96	277	0	4	7	7	5.51	2920					17
18	2.14	80	4.20	241	3.02	288					5.77	3190					18
19					3.11	304					5.46	2860					19
20	2.38	116	4.26	245	3.09	301	2	5	7	9	5.00	2400					20
21	2.48	136	4.16	238	3.22	324	4	7	11	9	4.75	2160			7.24		21
22	2.48	136	4.16	238	3.20	321	4	7	10	9	4.55	1980					22
23	2.42	123	4.12	236	3.19	319	5	7	8	9	4.68	2100	5.41	1183	7.47	1490	23
24	2.38	116	4.06	231	3.17	315	6	5	11	6	5.33	2730					24
25	2.40	129	4.32	251	3.17	315	5	5	6	6	5.20	2640					25
26	2.48	136	4.04	230	3.14	310	—	—	—	—	5.11	2510					26
27	2.46	131	4.28	248	3.29	337	5	5	11	7	5.20	2600					27
28	2.66	180	4.19	241	3.19	319	5	6	7	7	5.18	2580					28
29	2.64	175	4.18	240	3.23	326	4	5	7	5	4.92	2100					29
30	2.68	186	4.22	243	3.23	326	2	4	7	6	4.92	2100					30
31																	31

IWRB00003307

July 1983

	#	60	#	17	#	9	#	X	#	Y	#	Z	+ or −	#	21	#	93		
1	8.23	1307	2.81	.204	4.19	1177	4.64	355	3.29	219	1.06	92	+	61	6.68	1590	3.15	44	1
2	7.88	1203	2.86	212	8.98	1077	4.75	377	3.27	216	1.07	94	+	82	6.80	1860	3.17	45	2
3	7.92	1212	2.90	218	4.09	1124	4.78	383	3.27	216	1.06	92	+	90	6.73	1800	3.16	44	3
4	7.92	1212	2.88	214	4.38	1268	4.70	367	3.25	213	1.06	92	+	77	6.80	1860	3.20	46	4
5	7.92	1212	3.06	242	4.21	1187	4.65	357	3.26	214	1.07	94	+	64	6.90	1950	3.15	44	5
6	7.88	1203	2.88	214	3.98	1077	4.35	309	3.23	210	1.06	92	+	22	6.79	1850	3.09	41	6
7	7.90	1208	2.77	199	3.09	688	4.19	288	3.20	205	1.06	92	+	6	6.35	1520	3.08	41	7
8	7.90	1208	2.64	180	3.83	1010	3.91	253	3.26	214	1.07	94	−	55	5.34	997	3.04	40	8
9	7.93	1215	2.57	171	3.77	983	4.00	263	3.28	218	1.07	94	−	34	6.24	1450	3.08	41	9
10	7.97	1224	2.42	150	3.80	996	4.32	305	3.29	219	1.07	94	+	7	6.20	1430	3.08	41	10
11	7.93	1215	2.34	138	3.76	978	4.46	323	3.29	219	1.07	94	+	25	6.37	1530	3.09	41	11
12	7.93	1215	2.32	136	3.15	712	4.65	3.57	3.27	216	1.07	94	+	62	6.26	1460	3.08	41	12
13	7.93	1215	2.02	101	3.05	321	4.54	3.35	3.26	214	1.07	94	+	42	5.54	1090	3.00	38	13
14	8.79	1413	1.35	24	2.67	527	4.47	3.24	3.27	216	1.06	92	+	31	3.70	453	2.75	30	14
15	9.25	1519	1.50	36	1.65	211	4.45	3.22	3.26	214	1.07	94	+	29	4.73	763	3.09	41	15
16	9.25	1519	1.36	73	1.90	277	4.60	347	3.27	216	1.06	92	+	54	3.26	358	3.02	39	16
17	9.27	1553	1.56	101	1.95	292	4.62	351	3.27	216	1.06	92	+	58	3.80	478	3.11	42	17
18	9.27	1553	1.37	74	1.96	294	4.58	343	3.27	216	1.06	92	+	50	3.85	491	3.06	40	18
19	9.27	1553	1.14	47	1.92	283	4.60	347	3.27	216	1.06	92	+	54	3.71	468	3.21	46	19
20	9.59	1630	.90	25	1.50	176	4.46	323	3.27	216	1.05	91	+	31	3.51	409	3.13	43	20
21	9.58	1627	.99	33	1.34	142	4.35	309	3.26	214	1.07	94	+	16	2.65	238	3.15	44	21
22	9.59	1630	1.13	46	1.35	144	4.46	323	3.25	213	1.06	92	+	33	2.45	205	3.18	45	22
23	9.51	1610	1.20	60	1.32	89	4.42	318	3.25	213	1.04	89	+	31	2.63	235	3.17	42	23
24	9.59	1630	1.19	59	1.34	93	4.50	328	—	—	—	—		—	—	—	3.17	42	24
25	9.59	1630	1.15	54	1.34	93	4.57	341	3.24	211	1.01	84	+	61	2.85	276	3.19	43	25
26	9.59	1630	1.31	73	1.32	89	4.55	337	3.24	211	1.00	83	+	58	2.88	282	3.23	45	26
27	9.30	1560	1.54	102	1.31	87	4.60	347	3.24	211	1.00	83	+	66	2.90	286	3.09	39	27
28	9.30	1479	1.46	92	1.26	79	4.53	347	3.22	197	1.00	104	+	61	3.01	308	3.05	38	28
29	9.30	1479	1.38	81	1.22	73	4.51	343	3.23	211	.95	96	+	51	2.89	284	3.07	39	29
30	9.33	1486	1.47	92	1.21	72	4.58	357	3.23	211	.95	96	+	65	2.84	274	3.08	39	30
31	9.32	1494	1.47	92	1.19	69	4.61	363	3.23	211	.96	98	+	69	2.94	294	3.09	39	31

IVRB00003308

2834

June 1985

	Magic		#3		#4		#5		East		West		Hoist	T.B.	W-1	W-2	E. Spill		#4R	
1	933.6	183,754	10.80	5,830	5.50	699			2.92	325	2.94	186	.68	57	12	16		9	2.95	211
2	933.8	182,988	10.28	5,953	5.40	615	8.88	7,430	2.81	311	2.90	181	.65	53	15	10		16		
3	932.5	181,684	9.60	4,940	5.39	612		4300	2.82	312	2.87	178	.65	53	15	10		10	3.00	221
4	932.4	181,486	9.32	4620	5.39	612		4000	2.86	317	2.87	178	.64	52	15	10		12		
5	932.3	181,108	9.16	4440	5.38	610		3820	2.82	312	2.87	178	.66	54	15	10		14		
6	932.3	181,108	9.00	4270	5.37	608		3662	2.82	312	2.87	178	.60	46	—	—		—	2.98	217
7	932.2	180,730	8.92	4180	5.38	610		3560	2.84	314	2.88	179	.58	44	20	10		14		
8	932.1	180,352	8.76	4010	5.32	596	6.68	3493	2.74	302	2.78	167	.65	53	15	10		17	2.97	209
9	932.1	180,352	8.84	4090	5.32	577	X	3413	2.75	303	2.76	165	.58	44	10	10		10		
10	932.2	180,730	8.88	4140	5.31	574	5.85	3546	2.76	304	2.78	167	.58	44	7	10		8	2.98	211
11	932.2	180,730	8.90	4160	5.31	574	5.93	3566	2.82	312	2.81	171	.50	34	7	10		8		
12	932.3	181,108	9.14	4420	5.31	574	6.12	3879	2.83	313	2.82	172	.50	34	—	—		13		
13	932.2	180,730	9.00	4270	5.31	574	6.02	3676	2.82	312	2.81	171	.49	33	25	10		15	2.99	213
14	932.0	179,974	8.46	3690	5.28	568	5.41	3102	2.81	311	2.80	170	.50	34	15	12		15		
15	931.7	178,858	7.90	3120	5.32	577	4.78	2541	2.77	305	2.80	170	.61	47	18	12		12	2.96	208
16	931.4	177,742	7.54	2770	5.31	574	4.35	2180	2.77	305	2.79	168	.60	46	18	12		13		—
17	931.4	177,742	7.38	2950	5.26	563	5.28	2040	2.72	299	2.76	165	.58	44	14	12		11	2.94	204
18	931.3	177,370	7.16	2740	5.32	577	5.15	1938	2.76	303	2.78	167	.60	46	18	12				
19	931.3	177,370	7.20	2780	5.32	577	5.14	1930	2.78	307	2.81	171	.56	41						
20	931.2	176,998	7.12	2700	5.33	579	5.05	1862	2.75	303	2.80	170	.58	44	18	12		14	2.96	208
21	931.1	176,627	6.92	2520	5.33	579	4.88	1735	2.72	299	2.79	168	.58	44	18	12				
22	931.2	176,998	6.80	1880	5.32	577	4.11	1208	2.68	294	2.78	167	.56	41	18	12		14	3.80	347
23	931.2	176,998	6.16	1850	5.32	504	4.08	1705	2.67	292	2.79	168	.57	42	15	10		16		
24	931.8	179,230	4.96	899	5.26	496	2.76	900	2.64	288	2.68	156	.60	46	12	7		14		
25	932.5	181,684	4.94	932	5.30	501	2.78	890	2.67	292	2.74	163	.58	44	15	7		10	3.46	315
26	933.3	184,906	4.98	1240	5.36	494	2.80	735	2.69	295	2.78	167	.60	46	—	—	—	—	—	—
27	934.0	187,596	4.94	1210	5.36	494	2.78	710	2.67	292	2.76	165	.59	45	7	15		18	3.68	319
28	934.8	190,718	4.94	1210	5.36	494	2.81	740	2.66	291	2.74	163	.60	46	15	7		10		
29	935.4	193,084	5.72	1820	5.35	492	3.60	1160	2.68	294	2.74	163	.58	44	7	15		7	3.82	352
30	935.3	192,688	6.64	2630	5.33	488	4.46	1742	2.59	282	2.72	161	.58	44						
31																				

IWRB00003309

August 1985

	#60		#17		#9		#X		#Y		#Z		+or-		#21		#93		
1	9.30	1479	1.52	.99	1.23	74	4.73	387	3.23	211	.96	98	+	93	3.05	316	3.12	40	1
2	9.32	1484	1.55	103	1.25	77	4.71	383	3.24	200	.96	98	+	100	3.19	344	3.12	40	2
3	9.31	1482	1.52	99	1.24	76	4.38	322	3.10	180	.96	98	+	59	3.16	238	3.12	40	3
4	9.31	1482	1.61	111	1.24	76	4.18	296	3.09	179	.94	95	+	37	2.98	302	3.14	41	4
5	8.99	1408	1.75	129	1.35	94	4.15	292	3.09	179	.96	98	+	30	2.90	286	3.17	42	5
6	8.99	1408	1.74	128	1.34	93	4.24	304	3.10	180	.97	100	+	39	3.07	320	3.09	39	6
7	8.99	1408																	7
8	8.98	1406	1.60	110	1.29	84	4.08	282	3.15	187	.96	98	+	12	2.78	263	3.07	39	8
9	8.98	1406	1.65	116	1.26	79	4.05	278	3.15	187	.96	98	+	18	2.87	280	3.09	39	9
10	8.96	1401	1.80	136	1.41	105	4.20	298	3.10	180	.94	95	+	38	2.91 ©	251	3.14	41	10
11	8.96	1401	1.84	141	1.36	96	4.20	298	3.05	173	.92	92	+	48	3.40	348	3.15	42	11
12	8.95	1399	1.90	150	1.40	103	4.15	292	2.95	159	.86	83	+	65	3.48	364	3.01	36	12
13	8.96	1408	1.95	157	1.35	94	4.19	297	2.95	159	.86	83	+	70	3.62	393 ©	2.89	32	13
14	8.95	1399	2.08	175	1.49	120	4.37	319									2.92	33	14
15	8.96	1408	1.98	161	1.48	118	4.26	306	2.96	161	.86	83	+	77	3.78	427	2.92	33	15
16	8.55	1307	2.14 ©	169	1.49 ©	140	4.23 ©	306	2.94 ©	162	.87 ©	71	+	62	3.64	397	2.95 ©	36	16
17	8.56	1309	2.10	164	1.40	123	4.25	309	2.94	162	.87	71	+	91	3.70	409	2.93	36	17
18	8.56	1309	2.00	150	1.44	130	4.23	306	3.00	170	.87	71	+	80	3.50	368	2.92	35	18
19	8.55	1307	2.16	172	1.41	125	4.24	308	3.00	170	.88	72	+	81	3.46	360	2.96	37	19
20	8.55	1307	2.28	189	1.35	114	4.20	302	3.00	170	.88	72	+	75	3.29	326	2.95	35	20
21	8.55	1307	2.39	206	1.37	118	4.25	309									2.98	38	21
22	8.55	1307	2.36	200	1.38	120	4.35	322	3.00	170	.88	72	+	95	3.60	388	3.00	38	22
23	8.22	1231	2.71	253	1.43	129	4.58	363	3.00	170	.90	75	+	133	3.68	405	3.06	40	23
24	8.22	1231	2.70	251	1.45	132	4.72	391	3.00	170	.88	72	+	164	4.10	506	2.89	34	24
25	8.22	1231	2.68	248	1.46	134	4.61	369	2.96	165	.88	72	+	137	4.17	525	2.88	34	25
26	8.20	1226	2.77	263	1.47	136	4.20	302	2.96	165	.86	69	+	83	4.04	491	2.92	35	26
27	8.22 ©	1197	2.83	272	1.45	132	3.96	271	2.96	165	.86	69	+	52	3.86	445	2.93	36	27
28	/	/	2.68	248	1.45	132	3.94	269	/	/	/	/	/	/	/	/	2.92	35	28
29	8.22	1197	2.46	214	1.46	134	3.85	257	2.94	162	90	75	+	35	3.59	386	2.88	34	29
30	8.22	1197	2.41	207	1.44	130	3.74	244	2.94	162	93	79	+	18	3.46	360	3.07	41	30
31	8.22	1197	2.40	206	1.33	111	3.68	236	2.94	162	94	80	+	9	3.27	322	3.18	45	31

41,443 6

WRB00003310

July [redacted] 1983

	# 14		# 54		# 53		# 56		# 10		# 11		J. B.		Marcy		F Waste	S Waste		
1	4.68	686	3.28	472	5.99	961	6.96	646	4.14	545	4.87	221	.32	95	.62	49	20.6	.64	60	1
2	4.81	714	3.39	544	5.87	921	6.93	639	4.12	538	4.86	220	.46	147	.64	52	23.8	.64	60	2
3.	4.51	648	3.29	478	5.62	841	6.74	600	—	—	—	—	—	—	—	—	—	—	—	3
4	5.01	761	3.53	643	5.77	888	6.93	639	4.47	669	4.90	226	.40	138	.66	67	27.0	.66	63	4
5	4.95	746	3.48	607	5.71	868	6.89	630	4.18	560	4.85	219	.40	138	.66	67	25.4	.68	66	5
6	453	653	3.29	478	5.59	833	6.72	596	4.04	510	4.83	216	.44	150	.66	67	21.8	.66	63	6
7	4.47	640	3.28	472	5.52	825	6.67	586	4.00	496	4.82	214	.48	163	.62	49	21.2	.64	60	7
8	4.42	631	3.27	466	5.41	785	6.60	572	4.02	503	4.82	214	.42	144	.64	52	20.4	.66	63	8
9	4.26	593	3.20	425	5.35	770	6.52	557	3.99	492	4.81	213	.42	144	.60	47	17.6	.64	60	9
10	4.40	624	3.24	448	5.49	806	6.60	572	—	—	—	—	—	—	—	—	17.6	—	—	10
11	4.33	609	3.22	436	5.46	798	6.58	570	3.95	478	4.80	213	.42	144	.64	52	17.6	.64	60	11
12	4.28	598	3.18	415	5.47	801	6.57	566	3.64	372	4.75	204	.38	131	.58	44	17.6	.64	60	12
13	3.84	508	2.95	314	5.36	773	6.37	528	3.28	264	4.80	213	.42	144	.60	47	17.6	.64	60	13
14	3.43	430	2.64	218	5.57	828	6.39	522	3.13	226	4.76	206	.38	131	.48	32	12	.66	63	14
15	3.83	506	2.58	200	5.97	955	6.41	536	2.98	192	4.83	216	.50	170	.50	34	13.2	.62	57	15
16	3.89	518	2.58	200	6.33	1085	6.91	635	3.24	253	4.87	221	.48	163	.50	34	21.8	.62	57	16
17	3.85	510	2.72	242	6.40	1114	6.95	643	—	—	—	—	—	—	—	—	—	—	—	17
18	3.72	485	2.58	200	6.40	1112	6.90	632	2.95	186	4.81	213	.46	157	.50	34	21.8	.56	48	18
19	3.58 ©	483	2.42 ©	142	6.37 ©	1009	6.84 ©	665	2.71 ©	144	4.80 ©	219	.42 ©	141	48 ©	42	12.6	.52	41	19
20	3.50	470	2.31	96	6.42	1028	6.82	659	2.75	151	4.86	227	.40	134	.46	39	12.6	.52	42	20
21	3.63	494	2.31	96	6.47	1047	6.76	646	2.67	137	4.89	231	.52	174	.44	37	14.2	.68	66	21
22	3.70	508	2.36	106	6.52	1066	6.81	657	2.58	122	4.89	231	.56	187	.34	25	14.8	.74	76	22
23	3.70	508	2.34	102	6.59	1092	6.84	665	2.60	126	4.88	230	.54	180	.36	27	16.2	.62 ©	49	23
24	3.72	512	2.36	106	6.59	1092	6.87	671	—	—	—	—	—	—	—	—	—	—	—	24
25	3.81	530	2.44	122	6.64	1112	6.93	684	2.75	151	4.92	235	.52	174	.38	29	19.9	.56	41	26
26	3.91	550	2.42	118	6.66	1120	6.86	668	2.68	138	4.89	231	.48	160	.38	29	19.0	.54	38	26
27	3.82	531	2.40	114	6.53	1069	6.76	646	2.59	124	4.87	228	.48	160	.42	34	20.4	.56	41	27
28	3.74	516	2.27	88	6.53	1069	6.71	635	2.55	118	4.86	227	.46	154	42	34	19.6	.54	38	28
29	3.76	520	2.30	94	6.54	1073	6.73	639	2.55	118	4.86	227	.46	154	.44	37	27.8	.50	32	29
30	3.75	518	2.27	88	6.55	1077	6.74	641	2.55	118	4.85	226	.45	150	.44	37	23.8	.46	27	30
31.	—																			31

IWRB00003311

SOPI 1483

	#51		#52		#75		Main	L.S.	Kraft	Dry	#49		#1		#2		
1	2.28	98	3.86	206	3.04	288	2	3	7	8	1.89	5.07	3.51	24	4.29	416	1
2	2.16	81	3.92	210	3.02	285	2	4	9	7	1.95	536					2
3.	2.12	77	3.86	206	3.05	290	—	—	—	—	1.93	526					3
4	—	—	—	—			—	—	—	—							4
5	2.14	79	3.90	209	3.04	288	4	4	9	7	1.83	479					5
6	2.12	77	3.86	206	3.03	286	8	8	8	8	1.81	470					6
7	2.22	89	3.94	212	3.04	288	6	7	8	9	1.68	413					7
8	2.22	89	3.94	212	3.04	288	7	4	11	10	1.76	448	3.36	16	4.29	416	8
9	2.22	89	3.94	212	3.04	288	4	4	12	10	1.73	435					9
10	2.18	84	3.92	210	3.03	286	4	7	12	9	1.74	439					10
11																	11
12	2.28	98	4.02	217	3.05	290	8	10	14	10	1.74	439					12
13	2.30	101	4.09	217	3.05	290	7	10	20	10	1.70	422					13
14	2.30	101	4.02	217	3.07	294	8	11	22	10	1.70	422					14
15	2.10	75	3.84	205	3.05	290	8	11	21	10	1.67	409	3.30	13	3.50	98	15
16	2.10	75	3.83	204	3.10	299	10	15	21	9	1.68	413					16
17	2.16	82	3.90	209	3.06	292	11	15	25	10	1.67	409					17
18	—	—	—	—	—	—	—	—	—	—	—	—					18
19	2.18	84	3.96	213	3.06	292	13	18	25	12	1.65	400					19
20	2.60	162	3.64	189	2.98	277	9	18	23	12	1.65	400			3.60	119	20
21	2.66	178	3.34	170	3.01	283	14	21	18	12	1.68	413					21
22	2.62	167	3.34	170	2.93	269			18	12	1.67	409					22
23	2.70	189	3.40	174	2.93	269	13	21	17	14	1.66	404					23
24	2.84	230	3.10	154	2.74	236					1.65	400					24
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25
26	2.80	218	3.08	153	2.67	225	10	16	11	12	1.64	396					26
27	2.82	224	3.09	153	2.68	227	10	9	12	2	1.64	396					27
28	2.84	230	3.10	154	2.76	240	15	13	12	2	1.63	392					28
29	2.86	236	3.12	155	2.62	217	10	11	12	3	1.66	404					29
30	3.02	295	3.18	159	2.64	220					1.81	470	3.36	16	3.58	114	30
31																	31

IWRB00003312

August 1983

	#14		#54		#53		#56		#10		#11		J.B.		Marley		F. Waste	S. Waste		
1	3.83	534	2.33	100	6.63	1120	6.81	657	2.53	115	4.84	224	.44	147	.58	55	/	23.8	44	25	1
	3.83	534	2.33	100	6.58	1088	6.79	652	2.57	121	4.84	224	.44	147	.60	58		23.8	40	20	1
3.	3.87	542	2.36	106	6.61	1100	6.83	662	2.58	122	4.84	224	.43	144	.60	58		25.4	.36	16	3
4	3.92	552	2.40	114	6.67	1123	6.87	671	2.60	126	4.84	224	.42	141	.68	70		28.6	.60	46	4
5	3.81	530	2.35	104	6.47	1047	6.73	639	2.60	126	4.85	226	.42	141	.58	55		28.6	.56	41	5
6	3.80	528	2.40	114	6.35	1002	6.68	628	2.60	126	4.84	224	.44	147	.60	58		30.2	.60	46	6
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		/	/	/	—	7
8	3.79	526	2.36	106	6.37	1009	6.68	628	2.59	124	4.85	226	.46	154	.62	61		29.4	.50	32	8
9	3.89	546	2.49	134	6.42	1028	6.74	641	2.64	132	4.86	227	.46	154	.62	61		30.2	.50	32	9
10	3.86	540	2.42	118	6.40	1020	6.70	632	2.63	130	4.84	224	.46	154	.60	58		30.2	.50	32	10
11	3.80	528	2.36	106	6.40	1020	6.65	622	2.63	130	4.84	224	.46	154	.62	61		29.4	.51	33	11
12	3.85	538	2.40	114	6.41	1024	6.67	626	2.63	130	4.86	227	.48	160	.58	55		21.8	.54	38	12
13	3.92	c556	2.42	139	6.44	1073	6.72	650	2.63	c124	4.93	c230	.62	c207	.62	c64		22.6	.54	38	13
14																					14
15	3.92	556	2.47	152	6.47	1085	6.72	650	2.65	127	4.88	223	?.50	167	.64	67		25.4	.52	35	15
16	3.90	552	2.54	173	6.31	1024	6.64	632	2.70	135	4.90	226	.54	180	.74	84		21.2	.40	20	16
17	3.96	564	2.66	209	6.24	999	6.65	635	2.69	134	4.93	230	.60	201	.74	84		23.8	.40	c22	17
18	3.91	554	2.60	191	6.20	985	6.60	624	2.84	161	4.93	230	.62	208	.72	81		20.4	.40	22	18
19	3.98	568	2.67	212	6.19	982	6.62	628	2.87	167	4.93	230	.58	194	.70	77		20.4	.34	16	19
20	4.03	578	2.70	221	6.29	1016	6.70	646	2.85	163	4.96	234	.64	216	.74	84		25.4	.28	10.2	20
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21
22	4.30	637	2.87	272	6.43	1069	6.87	684	3.03	201	4.97	235	.70	238	.82	99		28.6	.24	8	22
23	4.45	670	2.99	310	6.27	1009	6.84	678	3.03	201	4.97	235	.74	254	.82	99		43.2	.34	16	23
24	4.44	668	8.99	310	6.20	985	6.79	666	3.02	199	4.71	200	.62	208	.64	67		37.6	.46	29	24
25	4.33	644	2.92	287	6.16	972	6.72	659	3.12	217	4.72	201	.62	208	.74	84		34.0	.44	27	25
26	4.38	655	2.96	299	6.20	985	6.77	662	3.16	231	4.73	202	.68	230	.70	77		34.0	.47	31	26
27	4.49	679	3.02	322	6.20	985	6.81	671	3.10	217	4.71	200	.56	187	.64	67		41.4	.56	44	27
28	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		/	/	/	28
29	4.19	613	2.85	266	6.15	968	6.67	638	2.99	192	4.71	200	50	167	.70	77		41.4	.56	44	29
30	4.14	602	2.82	257	6.12	958	6.64	632	2.91	175	4.58	183	.52	174	.70	77		27	.58	46	30
31	4.07	587	2.73	230	6.00	917	6.43	590	2.95	181	4.59	184	.49	163	.72	81		18	.58	46	31

WRB00003518

Cert 4652 Sept 1983

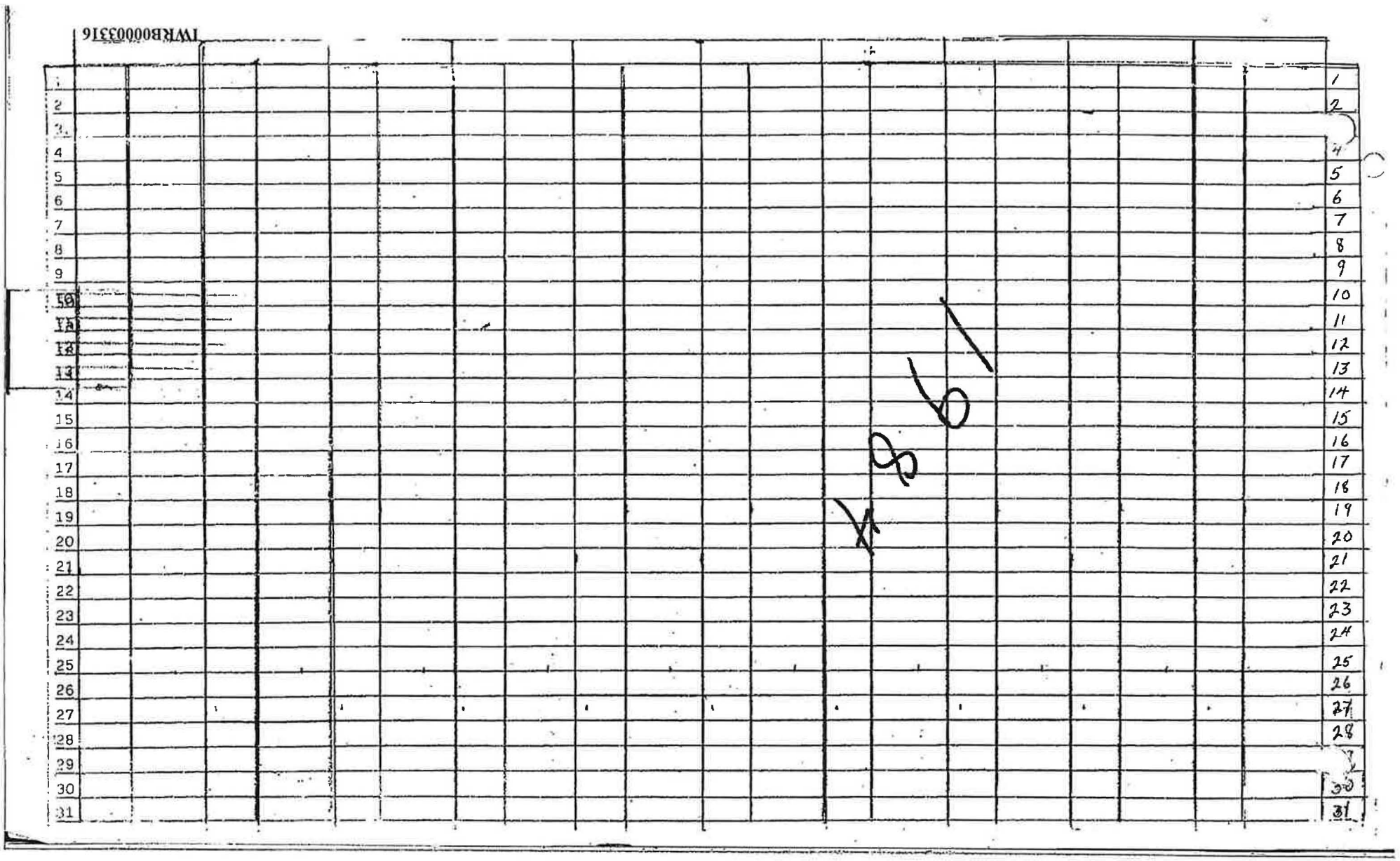
	Magic		#3		#4		#5		East		West		Head	J.B	W-1	W-2	E. Soil		#48		
1	924.9	154,938	4.44	773	5.42	520	1.86	262	2.46	256	2.42	118	.80	76	18	20	—				1
2	924.6	153,954	4.44	773	5.43	522	1.87	265	2.50	261	2.45	121	.78	73	18	20	17		3.94	267	2
3.	924.4	153,298	4.44	773	5.44	525	1.85	259	2.46	256	2.45	121	.80	76	18	20	—				3
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			4
5	923.8	151 343	4.44	773	5.45	527	1.85	259	2.47	257	2.42	118	.78	73	15	20	15		3.93	265	5
6	923.4	150,055	4.44	773	5.45	527	1.85	259	2.50	261	2.42	118	.79	74	15	20	15				6
7	923.1	148,771	4.45	780	5.47	531	1.85	259	2.46	256	2.42	118	.78	73	15	20	15		3.93	265	7
8	922.9	148455	4.45	780	5.48	533	1.86	262	2.51	262	2.41	118	.78	73	15	20	15				8
9	922.5	147 192	4.45	780	5.49	536	1.87	265	2.47	257	2.43	119	.77	71	10	20	11		3.94	267	9
10	922.1	145932	4.45	780	5.50	538	1.85	259	2.50	261	2.42	118	.77	71							10
11																					11
12	921.4	143,762	4.46	786	5.53	545	1.84	256	2.54	266	2.45	121	.70	60	10	20	11		3.93	265	12
13	921.1	143,835	4.46	786	5.54	547	1.83	253	2.52	264	2.44	120	.69	59			11		3.93	265	13
14	920.8	141,920	4.46	786	5.55	549	1.83	253	2.52	264	2.44	120	.70	60	10	20			3.92	256	14
15	920.4	140,708	4.42	760	5.55	549	1.83	253	2.56	269	2.44	120	.65	53	10	20					15
16	920.0	139,498	4.38	735	5.53	c 496	1.87	c 289	2.56	269	2.45	121	.68	57			12				16
17	919.6	138,310	4.38	735	5.55	500	1.86	286	2.53	265	2.42	118	.66	54							17
18																					18
19	918.8	135,950	4.38	735	5.55	500	1.85	283	2.52	264	2.42	118	.63	50	20	20	11		3.90	251	19
20	918.5	135,079	4.38	735	5.58	507	1.86	286	2.55	268	2.44	120	.64	52	20	20	11				20
21	918.1	133,919	4.27	667	5.40	470	1.77	259	2.54	266	2.44	120	.34	19	20	20	13		3.73	215	21
22	917.8	133,061	4.26	661	5.41	472	1.74	250	2.46	256	2.32	110	.57	42	25	20	7				22
23	917.5	132,209	4.26	661	5.41	472	1.75	253	2.45	255	2.33	111	.54	40	—	—	—		3.75	219	23
24	917.2	131,357	4.26	661	5.41	472	1.75	253	2.54	266	2.31	109	.51	35							24
25	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25
26	916.6	129,665	4.26	661	5.43	476	1.74	250	2.53	265	2.34	112	.44	28	10	20	—		3.74	217	26
27	916.2	128,543	4.26	661	5.43	476	1.74	250	2.56	269	2.32	110	.46	30			11				27
28	915.9	127,705	4.24	649	5.42	474	1.73	248	2.45	255	2.33	111	.46	30	13	20	10		3.73	2.15	28
29	915.6	126,874	4.24	649	5.43	476	1.74	250	2.45	255	2.33	111	.45	29							29
30	915.4	126,320	4.24	649	5.43	476	1.74	250	2.57	270	2.34	112	.47	31							30
31	—	—	409	64	5.20	40	1.59	10			2.21	10	DRY								31

WRB00003314

OCT 1983

	# 54		# 53		# 56		# 15		# 51		# 52		# 60		S Waste	L.S.	Main	Dry	Kraft
1	2.98	304	5.82	910	6.53	608	2.65	222	3.08	319	[illegible]	1163	727	[illegible]	44	27	10	10	3	18
2													7.31	1043						
3.	2.86	272	5.68	898	6.37	576	2.65	222	2.92	256	3.16	137	7.30	1048	44	27	13	15	2	14
4	2.89	281	5.68	898	6.39	580	2.47	194	3.18	361	2.56	122	7.29	1040	.42	24	14	14	12	17
5	2.95	299	5.76	924	6.47	596	2.47	194	3.20	369	2.58	123	7.30	1042	.38	20	12	13	11	16
6	2.85	269	5.77	927	6.42	586	2.30	168	2.98	278	2.20	101	7.30	1042	.34	16	12	13	10	21
7	2.85	269	5.68	898	6.38	578	2.30	168	2.90	249	2.12	97	7.28	1038	.32	14	10	8	10	15
8																				
9									2.80	218	2.08	95								
10	2.33	120	5.70	904	6.13	530	2.25	161	2.74	200	2.04	93	off	off			10	9	10	15
11																				
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1961

April 1984

	# 14		# 54		# 53		# 56		# 10		# 11		J.B.		Marley		F Waste	S Waste	
1																			1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12
13																			13
14																			14
15																			15
16																			16
17																			17
18																			18
19																			19
20																			20
21																			21
22																			22
23	3.93	536	3.43	574	4.16	636	6.17	543	4.80	842	4.26	258					10.1		23
24	3.87	523	3.41	570	4.22	542	6.23	549	4.78	829	4.27	259					7.4		24
25	3.91	531	3.43	534	4.08	@ 546	6.07	@ 540	4.90	912	4.29	262					12.7		25
26	4.14	578	3.50	600	4.31	574	6.29	582	4.86	883	4.29	262					11.8		26
27	4.10	570	3.47	550	4.29	572	6.26	576	4.78	829	4.27	259					10.1		27
28	4.00	550	3.45	537	4.25	567	6.24	572	4.78	829	4.28	261					11.8		28
29																			29
30	3.49	451	3.27	425	4.26	568	6.25	574	3.30	228	4.05	228					10.9		30
31				4472 / 559															31

WRB00003317

April 1984

	# 60		# 17		# 9		# X		# Y		# Z		+ or −		# 21		# 93		
1																			
2																			
3																			
4																			
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22																			
23	5.28	7.10	3.93	466	6.80	3630	7.27	187	207	57	44	27					0	—	
24	528	7.10	4.00	4.78	6.64	3415	3.60	227	2.21	72	47	29	131		8.33	3170	0	—	
25	529	6.94	3.42	370	6.59	[illegible]	3.54	219	2.28	80	48	29	125		8.30	3140	0	—	
26	5.29	6.94	3.42	370	6.60	3363	4.11	291	2.28	80	.48	29	197		8.21	3030	—		
27	5.29	6.94	3.43	371	6.30	2993	3.84	256	2.34	87	.51	31	153		828	3120	0		
28	5.27	6.99	3.38	365	5.83	2429	3.73	209	2.35	88	.54	34	102		8.04	2840	0		
29			3.34	358	5.52	2073	3.69	204											
30	5.26	6.89	3.14	323	5.21	1753	4.10	253	2.35	88	.54	34			7.60	2380			
31													108						

x 580 + 696

DWRB00003318

May 1984 86530

	# 51		# 52		# 15		# Main	L.S.	Krall	Dry	# 19		# 1		# 2		#
1	2.12	88	2.36	107	1.90	174	7	9	18	10	2.41	661					
2	2.38	124	2.40	104	2.13	209	4	3	14	11	2.39	651					
3	2.26	103	2.40	104	2.09	203	15	7	18	9	2.45	680					
4	2.30	108	2.70	126	2.12	208	14	7	14	11	2.45	680					
5	2.20	95	2.78	132	2.13	209	8	3	16	12	2.41	661					
6																	
7	2.38	121	2.86	139	2.10	204	10	4	14	11	2.32	617					
8	1.90	64	2.66	122	2.25	©182	10	4	4	9	2.41	661					
9	1.94	68	3.50	200	2.46	214	4	0	0	8	2.64	777					
10	2.70	187	3.82	234	2.49	219	6	6	30	13	2.99	967	6.49	978	5.32	1172	
11	2.68	181	3.80	232	2.46	214	6	5	25	12	3.01	979					
12	2.98	300	3.46	216	2.75	262	4	3	25	13	3.32	1168					
13																	
14	302	321	3.68	218	278	267	6	7	25	12	4.69	2239	7.57	1440	7.24	~~713~~ 3779	
15	3.14	399	3.68	218	2.84	277	6	7	24	11	5.25	2760					
16	314	399	3.68	218	2.85	279	5	7	24	14	5.14	2650	7.60	1460	7.00	~~2276~~ 3393	
17	298	300	3.76	227	2.83	276	3	5	11	13	4.56	2131					
18	274	199	366	216	2.78	267	5	6 1	14	13	4.17	1722	7.14	©1230	6.60	©1850	
19	1.54	147	3.54	204	2.85	279	5	1	18	10	4.17	1722					
20																	
21	2.26	103	3.62	180	2.70	253	2	4	5	11	4.91	2437					
22	2.04	78	3.54	174	2.86	281	0	3	10	11	4.69	2239					
23	1.92	66	3.98	205	2.92	292	0	4	10	10	4.51	2077					
24	1.80	56	3.90	199	3.05	315	0	5	10	10	4.51	2077	6.41	932	6.79	2093	
25	1.86	61	3.96	203	3.00	306	4	6	8	9	4.32	1922					
26	2.00	74	4.02	208	2.98	303	4½	7	10	9	4.25	1866					
27																	
28	1.64	45	3.78	191	2.93	294	5	7	—	8	4.48	2050					
29	1.86	61	3.94	208	3.11	326	4	5	—	3	4.71	2257	6.07	795	6.75	919	
30	2.34	©125	4.24	244	3.10	324	10	7	5	4	5.17	2680					
31	2.42	138	4.16	238	3.16	©346	7	9	6	3	5.88	3440	6.12	819	IVRB	3196	

+.05

+.32 +.15

May 1984

	Magic		#3		#4		#5		East		West		H.J.B.		W-1	W-2	E Spill		#48	
1	931.1	180,352	6.20	2000		250	4.68	1877										1.83	68	1
	932.0	179,974	6.16	1970		250	4.62	1823										1.83	68	2
3.	931.9	179,602	6.20	2000	3.65	250	4.40	1640	1.60	153	1.50	62	.25	12					68	3
4	931.9	179,602	6.20	2000	3.55	234	4.00	1320	1.76	172	1.54	64	.28	15				2.32	114	4
5	931.8	179,230	6.16	⑥ 1970	3.68	⑥ 244	4.36	⑥ 2102	1.58	151	1.50	62	.40	24			35		114	5
6				1970		244													114	6
7	931.6	178,486	6.18	2200	3.69	245	4.30	2048	1.60	153	1.51	62	.40	24				2.32	114	7
8	931.3	177,370	6.18	2200	3.68	244	4.33	2077	1.60	153	1.51	62	.38	22					114	8
9	931.1	176,627	6.18	2200	3.69	245	4.30	2045	1.60	⑥ 160	1.49	69	.40	24			25	2.48	144	9
10	930.8	175,524	6.16	1970	3.67	242	4.28	2030	1.58	158	1.48	69	.38	22			25		144	10
11	931.2	176,998	4.88	1160	3.68	244	2.85	892	1.68	170	1.54	72	.32	18	12	12	4	2.69	167	11
12	931.7	178,858	4.88	1160	3.93	284	3.00	984	1.85	190	1.70	81	.42	26	10	10	5		167	12
13				1160		284													167	13
14	933.2	184,522	4.90	1180	4.15	319	2.95	952	1.88	194	1.92	95	.58	44	10	12	9	2.68	155	14
15	934.4	189,156	4.96	1220	4.41	361	2.92	934	2.04	213	2.04	105	.64	52	15	15	16		155	15
16	935.1	191,896	6.98	2940	4.57	390	4.74	2480	2.30	247	2.10	110	.57	42	25	12	34	2.90	184	16
17	935.3	192,688	7.28	3750	4.57	390	5.56	3305	2.22	237	2.07	108	.62	49	25	15			184	17
18	934.8	190,718	8.86	4940	4.56	388	6.92	4754	2.20	235	2.06	107	.62	49			18	2.91	186	18
19	934.4	189,156	8.88	4970	4.57	390	6.78	4600	2.28	244	2.14	113	.54	40					186	19
20				4970		390													186	20
21	934.3	188,766	7.22	3180	4.57	390	5.19	2930	2.32	249	2.24	124	.42	26	20	10			186	21
22	934.4	189,156	7.26	3220	4.57	394	5.14	2880	2.30	247	2.24	122	.44	28	19	8	17	2.87	180	22
23	934.4	189,156	7.24	3200	4.59	394	5.21	2950	2.42	262	2.32	129	.30	16	20	8	16	2.87	180	23
24	934.2	188,276	7.20	3160	4.58	392	5.16	2900	2.43	264	2.32	129	.31	17	20	8	9		180	24
25	934.2	188,276	7.12	3080	4.84	439	5.02	2760	2.48	270	2.32	129	.62	49			11	2.85	177	25
26	934.1	187,986	6.96	2920	4.86	442	4.86	2600	2.48	270	2.32	129	.62	49					177	26
27				2920		442													177	27
28	933.9	187,211	6.88	2850	4.85	440	4.59	2330	2.60	286	2.33	130	.49	33	8	8	15	3.25	236	28
29	933.8	186,626	6.70	2680	5.10	485	4.49	2230	2.68	288	2.41	138	.70	60	8	8	15		236	29
30	934.0	187,596	6.24	2250	5.11	487	4.10	1868	2.76	307	2.46	143	.61	47	15	12	18	3.29	242	30
31	934.4	189,156	6.32	2330	5.26	516	4.08	1850	2.80	312	2.62	160	.67	56	18	12	20		244	31
				49.720		11709														

DWRB00003320

5012

1'

June 1984

	# 60		# 17		# 9		# X		# y		# Z		+ or −		# 21		# 93		
1	8.78	1447	1.98	148	3.86	1410	4.82	429	2.84	170	.99	88	+186		6.15	1400	2.96	38.3	
2	8.68	1438	2.28	190	4.51	2033	4.81	427	2.84	© 165	1.02	© 94	+183		6.57	1680	3.00	39.3	
3.	8.71	1445	2.30	193	5.20	2837	4.75	4.15	2.91	175	1.02	94	+161		7.01	2050	2.97	38.5	
4	8.68	1438	2.28	190	5.03	2633	4.80	425	2.91	175	1.03	95	+170		7.27	2290	2.95	38	
5	8.72	1447	2.24	185	4.50	2023	5.08	481	2.86	169	.98	87	+241		7.10	2140	1.97	38.5	
6	8.70	1442	2.51	224	4.29	1813	5.00	465	2.86	168	.98	87	+225		6.96	2010	3.00	39.3	
7	8.72	1447	2.67	248	4.19	1713	4.85	435	2.68	144	.90	71	+230		6.90	1960	2.90	36.8	
8	8.07	1298	2.83	274	4.20	1723	5.00	465	2.68	144	.91	78	+258		6.86	1920	2.92	37.3	
9	7.44	1155	2.75	261	3.96	1500	5.38		2.60	133	.87	72			6.92	1970	2.90	36.8	
10	7.44	1155	2.67	248	3.77	1329	5.21		2.60	133	.78	61			6.80	1870	2.90	36.8	
11	7.45	1157	2.79	267	3.34	971	5.08	481	2.54	126	.78	61	+	309	6.59	1690	2.90	36.8	
12	7.45	1157	2.90	285	2.84	619	4.45	355	2.54	126	.80	63	+	181	6.30	1490	2.90	36.8	
13	7.45	1157	2.95	293	2.72	548	4.27	323	2.54	126	.81	64	+	148	5.54	1090	2.91	37.0	
14	6.71	1002	3.05	309	2.80	595	4.30	327	2.54	126	.80	63	+	153	5.55	1100	2.92	37.3	
15	6.70	1000	2.95	293	2.70	538	4.25	321	2.54	126	.80	63	+	147	5.58	1110	2.92	37.3	
16	6.71	1002	2.90	285	2.67	523	4.31	328	2.54	126	.80	63	+	154	5.42	1040	2.90	36.8	
17			2.85	277	2.60	491	4.18	310	2.54	126	.80	63	+	138	5.33	997	2.90	36.8	
18	6.70	1008	2.77	264	3.69	1257	4.23	318	2.54	126	.86	71	+	136	6.25	1460	2.88	36.4	
19	7.74	1222	2.72	256	3.69	1257	3.91	270	2.62	136	.88	74	+	75	6.37	1540	2.92	37.3	
20	7.74	1222	2.69	251	3.77	1329	3.83	266	2.68	144	.88	74	+	63	6.33	1510	2.92	37.3	
21	7.77	1229	2.70	253	3.74	1302	4.30	327	2.68	144	.87	72	+	126	6.37	1540	2.93	37.6	
22	7.77	1229	2.66	247	4.02	1554	4.05	295	2.68	144	.87	72	+	94	6.34	1520	2.93	37.6	
23	7.75	1224	2.70	253	4.29	1813	3.80	262	2.74	152	.91	78	+	47	6.56	1670	2.93	37.6	
24			2.50	222	4.25	1773	3.95	282	2.74	152	.91	78	+	67	6.75	1820	2.90	36.8	
25	8.41	1376	2.57	232	4.25	1773	4.55	375	2.74	152	.91	78	+	160	6.71	1790	2.92	37.3	
26	8.43	1380	2.44	213	3.92	1446	4.00	288	2.81	161	.92	79	+	63	6.63	1730	2.90	37.	
27	8.44	1383	2.11	166	3.73	1293	3.95	282	2.90	173	.94	82	+	42	6.34	1520	2.85	35.6	
28	9.05	1524	2.16	173	3.66	1230	3.95	282	3.06	196	.99	89	+	12	6.05	1350	2.93	37.6	
29	9.06	1526	2.32	196	3.67	1239	4.20	314	3.17	213	.99	89	+	27	6.03	1320	2.96	38.3	
30	9.06	1526	2.43	212	3.71	1275	4.43	351	3.18	214	1.00	90	+	62	6.13	1390	3.00	39.3	
31																			

38,254 1319

IWRB000003321

June 1984

	Magic		#3		#4		#5		East		West		H.J.B.		W-1	W-2	E Spill		#	yg
1	934.9	191,109	6.60	2590	5.26	518	4.30	2048	2.74	304	2.55	152	.70	60	13	12			3.37	293
2	935.1	191,896	6.94	2900	5.26	487	4.74	2540	2.81	313	2.62	160	.64	52	13	12	19			293
3	934.9	191,109	7.40	3360	5.27	489	5.16	2980	2.81	313	2.62	160	.64	52						293
4	934.7	190,027	7.00	2960	5.27	489	4.75	2550	2.81	313	2.61	159	.66	54	13	12	19		3.36	290
5	934.6	189,936	6.74	2710	5.27	489	4.54	2340	2.80	312	2.66	164	.68	57	23					290
6	934.4	189,156	6.72	2690	5.30	494	4.34	2140	2.85	318	2.68	166	.68	57	24	27	13		3.34	287
7	934.3	188,766	6.44	2440	5.30	494	4.21	2021	2.79	311	2.63	161	.77	71	25	15	22		3.33	285
8	934.2	188,276	6.40	2400	5.28	491	4.15	1913	2.72	302	2.60	158	.81	78	25	15	18			285
9	934.0	187,596	6.24	2250	5.27	489	4.00	1832	2.67	295	2.60	158	.77	71	—	—	—			285
10	933.8	186,826		2250		484														285
11	933.8	186,826	5.52	1640	5.31	496	3.28	1248	2.75	305	2.62	160	.78	73	30	15	23		3.25	272
12	934.1	187,986	4.94	1210	5.27	489	2.96	998	2.70	299	2.61	159	.77	71	30	15	23			272
13	934.3	188,766	4.94	1210	5.30	494	2.16	820	2.62	288	2.58	155	.80	76	30	15	23		3.22	267
14	934.5	189,546	4.96	1220	5.25	485	2.71	845	2.61	287	2.56	153	.79	74	30	15	—	—		267
15	934.6	189,936	4.96	1220	5.25	485	2.70	840	2.61	287	2.54	151	.79	74	20	18	23		3.22	267
16	934.8	190,718	4.98	1240	5.24	484	2.72	850	2.61	287	2.54	151	.78	73						267
17				1240		484														267
18	934.9	190,718	6.12	2150	5.33	500	3.83	1688	2.67	295	2.58	155	.76	70	25		25		3.33	285
19	934.9	191,109	6.12	2150	5.32	498	3.81	1672	2.58	283	2.52	149	.80	76	25	15	19			285
20	934.9	191,109	6.06	2090	5.32	498	3.80	1664	2.60	286	2.56	153	.78	73	20	20			333	285
21	935.0	191,500	6.06	2090	5.34	502	3.82	1680	2.60	286	2.55	152	.81	78	20	12	12			285
22	935.1	191,896	6.42	2420	5.44	522	4.08	1904	2.46	268	2.56	153	.82	79	4	20	3		3.36	290
23	935.0	191,500	6.70	2680	5.45	524	4.34	2140	2.80	312	2.68	166	.68	57						290
24				2680		524														290
25	934.6	189,936	6.54	2530	5.41	516	4.19	2003	2.79	311	2.67	165	.64	52	18	20	15		3.37	292
26	934.4	189,156	6.48	2470	5.46	526	4.11	1931	2.80	312	2.69	167	.68	57	20	20	14			292
27	934.3	188,766	6.46	2460	5.67	568	4.04	1868	2.78	309	2.68	166	.93	99	15	20			3.36	290
28	934.3	188,766	6.48	2420	5.68	570	4.01	1841	2.94	330	2.67	165	.96	104	15	20	14		3.37	260
29	934.2	188,276	6.40	2310	5.67	592	4.00	1752	2.76	307	2.71	170	.94	101	15	20	14		3.37	260
30	934.2	188,276	6.30	2220	5.69	596	3.98	1736	2.79	311	2.70	168	.90	93						260
31																				
				66.200		15282														8959

IWRB00003322

JULY 1984

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		+ or −	No. 21		No. 93	
1	9.06	1526	2.35	200	3.22	876	4.56	377	3.17	213	1.03	95	+	160	6.18	1420	2.95	38
	7.04	1522	2.31	194	3.21	869	4.62	389	3.18	214	1.05	98	+	92	5.22	1130	2.95	38
3	9.08	1531	2.21	180	2.47	451	4.54	326	3.26	227	1.05	91	+	23	5.63	1140	2.95	38
4	9.09	1531	1.98	148	2.03	313	4.35	301	3.30	234	1.04	89	−	7	4.19	586	2.90	36
5	9.06	1526	1.95	144	1.96	299	4.30	295	3.30	234	1.05	91	−	30	3.60	431	2.90	36
6	9.23	1558	1.90	137	1.96	299	4.30	295	3.34	240	1.06	92	−	22	3.53	416	2.90	36
7	9.46	1613	1.98	148	1.56	219	4.36	302	3.34	240	1.06	92	−	15	3.44	399	2.96	38
8			2.07	161	1.54	215	4.44	308	3.38	246	1.06	92	−	15	2.64	239	2.97	38
9	9.37	1591	2.01	152	1.58	223	4.67	349	3.37	245	1.06	92	+	27	3.10	328	2.96	38
10	9.37	1531	2.00	151	2.33	383	4.44	313	3.36	242	1.05	91	−	5	2.94	296	3.06	40
11	9.38	1534	1.90	137	1.86	279	4.40	308	3.27	229	1.06	92	+	2	2.88	283	3.03	40
12	9.38	1534	1.84	129	1.50	207	4.36	302	3.27	229	1.06	92	−	4	3.08	324	3.05	40
13	9.38	1534	1.44	78	1.43	193	4.14	274	3.27	229	1.08	95	+	35	2.88	283	3.08	41
14	9.38	1534	1.22	51	1.44	195	4.36	302	3.27	229	1.06	92	+	32	2.10	153	3.08	41
15			1.18	47	1.39	185	4.34	300	3.27	229	1.07	94	−	06	224	174	3.07	41
16	9.38	1534	1.21	50	1.42	191	4.32	297	3.27	229	1.08	95	−	12	2.31	185	3.06	40
17	9.37	1531	1.12	35	1.42	60	4.30	295	3.27	229	1.08	95	−	14	2.40	198	3.08	41
18	9.37	1531	1.05	29	1.31	48	4.32	297	3.30	234	1.08	95	−	17	2.33	184	3.06	40
19	9.38	1534	1.00	25	1.33	50	4.32	297	3.28	230	1.05	91	−	16	2.00	139	3.13	43
20	9.38	1534	1.04	28	1.27	43	4.30	295	3.27	229	1.00	83	−	2	2.05	145	3.14	43
21	9.57	1579	1.08	32	1.37	54	4.46	315	3.27	229	1.06	91	−	6	1.90	125	3.14	43
22			1.18	41	1.54	74	4.74	363	3.30	234	1.06	92	+	52	2.18	165	3.16	44
23	9.58	1582	2.16	165	1.53	73	4.78	371	3.27	229	1.06	92	+	65	2.78	265	3.16	44
24	9.24	1522	1.52	80	1.64	89	4.79	373	3.20	218	1.04	89	+	81	3.19	346	3.25	50
25	9.25	1524	1.60	90	1.61	102	4.83	381	3.20	179	1.04	91	+	126	3.30	368	3.16	45
26	9.25	1524	1.63	94	1.59	100	4.69	353	3.21	180	1.05	92	+	196	3.32	372	3.16	45
	9.25	1524	1.65	97	1.60	101	4.65	345	3.19	178	1.00	85	+	196	3.21	350	3.16	45
28	9.05	1477	1.74	108	1.65	108	4.76	367	3.19	178	.97	80	+	124	3.17	342	3.18	46
29			2.10	157	1.71	118	4.80	375	3.21	180	.98	82	+	128	3.36	380	3.18	48
30	9.69	1,482	2.08	154	1.68	113	4.69	353	3.17	175	.99	83	+	110	3.55	420	3.10	43
31	9.06	1479	2.17	166	1.70	116	4.43	312	3.12	168	.98	82	+	77	3.54	419	3.14	44

IWRB00003323

T 338 72A 1093

JULY 1984

	No. 14		No. 54		No. 53		No. 56		No. 10		No. 11		M.J.B.		Marley		F		.60	S 73
	4.47	618	2.64	179	6.57	1120	6.69	588	3.18	257	4.15	231	.46	170	658	58		6.3	.60	73
3	4.35	591	2.56	155	6.49	1088	6.61	572	2.93	196	4.11	226	.46	170	.44	39		5.3	.56	66
4	4.15	550	2.37	110	6.47	1081	6.51	553	2.86	178	4.16	233	.40	152	.54	52		6.7	.58	70
5	4.06	531	2.22	81	6.49	1088	6.46	543	2.79	166	4.19	237	.40	152	.50	47		9.2	.58	70
6	4.16	552	2.24	84	6.66	1155	6.57	564	2.80	C 154	4.21	C 219	.48	C 161	.54	C 48		11.8	.58	70
7	4.29	578	2.36	108	6.75	1191	6.64	578	2.80	154	4.21	219	.48	161	.54	48		12.7	.48	56
8																				
9	4.25	570	2.30	96	6.71	1174	6.60	572	2.92	178	4.26	226	.60	199	.56	51		12.7	.92	118
10	4.40	602	2.44	124	6.74	1187	6.68	586	2.69	134	4.19	216	.46	155	.40	31		13.7	.68	87.5
11	4.29	578	2.46	129	6.73	1183	6.66	582	2.72	139	4.25	224	.42	143	.48	40		15.8	.54	62
12	4.12	544	2.14	68	6.72	1179	6.57	564	2.57	115	4.22	220	.46	155	.44	35		9.2	.44	48
13	3.73	② 506	1.87	② 47	6.73	② 1050	6.70	② 604	2.52	108	4.21	219	.38	132	.36	26		7.7	.48	54
14	3.71	502	1.76	36	6.71	1043	6.66	596	2.44	98	4.21	219	.46	155	.34	24		4.9	.46	51
15																				
16	3.78	516	1.95	56	6.73	1056	6.72	608	2.41	94	4.30	231	.56	186	.50	43		9.2	.40	42
17	3.74	508	1.90	51	6.64	1016	6.63	590	2.39	87	4.28	228	.52	173	.36	26		10.5	.36	36
18	3.71	502	1.87	47	6.63	1012	6.62	588	2.40	89	4.28	228	.50	167	.38	28		8.8	.48	54
19	3.70	500	1.84	44	6.60	1002	6.60	584	2.39	87	4.26	226	.46	155	.42	33		7.1	.48	54
20	3.70	500	1.80	40	6.68	1031	6.64	592	2.40	89	4.25	224	.44	149	.48	40		5.3	.41	② 27.1
21	3.75	510	1.79	39	6.79	1073	6.70	604	2.44	94	4.34	237	.50	167	.52	45		6.3	.49	31
22																				
23	3.91	548	1.94	55	6.99	1151	6.88	641	2.45	95	4.35	238	.52	173	.54	48		7.4	.54	38
24	3.91	542	2.05	70	6.86	1100	6.81	627	2.53	105	4.36	240	.49	164	.52	45		13.7	.50	32
25	3.86	531	2.04	68	6.80	1,077	6.77	618	2.55	108	4.37	241	.50	167	.50	43		15.8	.48	26
26	3.89	538	2.07	73	6.80	1,077	6.79	622	2.53	105	4.35	238	.46	155	.48	40		17.9	.54	38
27	3.88	536	2.06	71	6.82	1,085	6.80	624	2.53	105	4.30	231	.48	161	.50	43		16.8	.50	32
28	3.94	548	2.23	102	6.75	1,058	6.78	620	2.59	114	4.35	238	.58	193	.66	66		21.3	.56	41
29																				
30	4.13	587	2.45	152	6.76	1,062	6.88	641	2.84	156	4.28	228	.54	180	.62	60		18.9	.54	38
31	4.32	629	2.52	173	6.74	1,054	6.81	627	2.75	139	4.27	227	.54	180	.60	57		18.9	.58	44

IWRB00003324

August 1984

	Magic		# 3		# 4		#5		East		West		H.J.B.		W-1	W-2	East Spill	# 46		
1	931.2	176,998	4.88	893	6.17	684	2.01	296	2.96	324	2.87	161	.91	95	15	15	20	3.76	283	1
2	931.0	176,256	4.88	893	6.18	686	2.00	293	2.91	317	2.84	158	.95	102	15	15	19		283	2
3	930.8	175,890	4.82	855	6.00	647	1.98	287	2.84	308	2.78	151	.85	84	15	15	16	3.78	287	3
4	930.5	174,426	4.83	861	5.99	©604	1.99	290	2.83	307	2.79	152	.85	84					287	4
5				861		604													287	5
6	930.0	172,601	4.72	793	6.02	610	1.96	282							15	12	14	3.74	280	6
7	929.8	171,882	4.72	793	5.87	580	1.91	268	2.86	311	2.80	153	.86	86	15	12	16		280	7
8	929.5	170,804	4.62	728	5.65	536	1.93	273	2.80	303	2.76	149	.68	57	15	12	13	3.80	290	8
9	929.3	170,086	4.60	©836	5.64	©542	1.95	©282	2.80	303	2.78	151	.64	52	15	12	11		290	9
10	928.9	168,656	4.60	836	5.64	542	1.96	283	2.86	311	2.74	147	.65	53				3.83	295	10
11	928.5	167,244	4.58	824	5.65	544	1.92	276	2.84	308	2.76	149	.65	53					295	11
12				824		544													295	12
13	929.8	164,785	4.55	805	5.65	544	1.94	279	2.88	313	2.77	150	.54	40				3.86	300	13
14	927.5	163,242	4.54	799	5.66	546	1.96	284	2.86	311	2.77	150	.56	41					300	14
15	927.0	162,012	4.62	848	5.88	590	2.01	299	2.98	313	2.78	151	.80	76	16	16	15	4.00	324	15
16	926.5	160,308	4.60	836	5.89	592	1.97	287	2.80	303	2.88	158	.78	73	—	—	16		324	16
17	926.2	159,288	4.60	836	5.88	590	2.00	296	2.84	308	2.77	150	.82	79	16	16	16		324	17
18	925.9	158,273	4.54	799	5.89	592	1.94	279	2.82	305	2.75	148	.82	79				4.01	326	18
19				799		592													326	19
20	925.0	155,266	4.52	786	5.91	596	1.93	276	2.88	313	2.78	151	.73	65				3.88	304	20
21	924.6	153,954	4.52	786	5.91	596	1.92	273	2.87	312	2.78	151	.75	68	14				304	21
22	924.2	152,642	4.52	786	5.93	600	1.93	276	2.86	311	2.76	149	.75	68	14			3.89	306	22
23	923.8	151,343	4.52	786	5.94	601	1.90	268	2.86	311	2.78	151	.76	70				3.91	©249	23
24	923.4	150,055	4.52	786	5.95	©580	1.88	©257	2.87	312	2.76	149	.75	68	20	16	16	3.89	246	24
25	923.0	148,771	4.52	786	5.96	582	1.88	257	2.88	313	2.78	151	.75	68					246	25
26				786		582													246	26
27	922.2	146,247	4.52	786	5.98	586	1.88	257	2.81	307	2.74	147	.77	71				3.92	250	27
28	921.8	144,998	4.58	786	5.98	586	1.90	262	2.79	304	2.71	144	.76	70	14	18	12		250	28
29	921.4	143,762	4.52	786	5.99	588	1.88	257	2.79	304	2.72	145	.76	70	18	12		3.95	255	29
30	921.0	142,527	4.58	©842	6.00	590	1.93	270	2.80	303	2.72	145	.76	70	18	12	14		255	30
31	920.5	141,011	4.52	842	6.01	592	1.91	265	2.80	303	2.74	147	.76	70	20	12	14	3.87	258	31
				25,263		18,248													8845	

WRD0003325

August 1984

	Nº 51		Nº 52		Nº 15		M& in	L. S.	Krall	Dry	No 19		Nº 1		Nº 2		
1	2.46	170	4.08	217	3.17	344	8	8	10	5	2.36	746					1
2	2.40	156	4.16	222	3.20	349	5	9	11	6	2.29	710	3.74	340	5.22	398	2
3	2.54	143	4.16	222	3.18	346	8	8	13	5	2.23	680					3
4	2.50	137	4.09	221	3.10	331	8	8	12	5	2.17	651					4
5											2.17	651					5
6	2.50	137	4.20	225	3.10	331	8	7	14	5	2.14	632					6
7	2.42	124	4.12	219	3.17	©301	8	7	14	7	2.06	598	3.53	25	4.84	234	7
8	2.42	124	4.12	219	3.17	301	8	6	18	6	2.02	580	3.49	©25	4.78	215	8
9	2.30	105	3.96	209	3.07	283	6	3	12	5	1.96	552					9
10	2.18	90	3.92	205	3.08	285	4	2	12	5	1.98	539					10
11	2.10	82	4.12	219	3.10	288	3	3	12	5	1.92	534			4.50	147	11
12											1.93	539					12
13	2.08	80	4.11	219	3.11	290	3	1	11	3	1.88	517					13
14	2.12	84	4.12	219	3.15	297	3	1	11	4	1.88	517					14
15	2.16	88	4.18	224	3.29	322	5	4	14	5	1.83	495					15
16	2.28	103	4.26	229	3.28	321			12	5	1.86	508	3.47	24	©4.29	181	16
17	2.44	127	4.22	226	3.28	321	6	4	8	7	1.93	539					17
18	2.50	137	4.10	218	3.28	321	3	5	8	0	1.82	491					18
19																	19
20	2.30	93	4.10	218	3.26	317	4	2	7	2	1.77	470					20
21	2.30	93	4.16	222	3.27	319	4	5	7	2	1.73	454					21
22	2.36	C 119	4.18	C 222	3.29	C 351	4	5	10	3	1.71	446					22
23	2.32	113	4.18	222	3.27	348	7	7	10	5	1.74	458	3.29	15	4.49	237	23
24	2.34	116	4.16	221	3.28	349	7	6	7	5	1.71	446					24
25	2.30	111	4.30	231	3.28	349	10	5	8	5	1.90	©370					25
26																	26
27	2.40	125	4.16	221	3.29	351	10	5	9	6	1.85	350					27
28	2.40	125	4.16	221	3.18	331	7	4	9	6	1.82	340					28
29	2.32	113	4.12	218	3.20	335	7	4	6	5	1.80	333	3.27	©14	4.49	©212	29
30	2.28	107	4.10	217	3.19	333	3	4	3	6	1.78	©358					30
31	2.36	118	4.12	218	3.20	335	3	4	8	6	1.86	389					31

IWRB00003326

OCT - 1984

	NO	60	NO	14	S	Waste	#	11
1	7.04	1002			.54	42		
2	7.04	1002	4.20	602	.52	39		
3	7.03	1000	4.22	607	.56	48		
4	6.50	894	4.10	580	.58	48		
5	6.52	898	3.77	514				
6								
7								
8	6.46	886	3.13	394				
9	6.46	886	3.37	437				
10	6.46	886	3.33	430				
11								
12	230	232						
13								
14	F	7666						
15	A	654						
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

IWRB000003327

September 1984

	Magic		No. 3		No. 4		No. 5		East		West		H.J.B.		W-1	W-2	East Spill		No. 48	
1	920.1	139,800	4.52	842	5.94	578	1.94	273	2.82	308	2.68	141	.64	52					270	1
2				842		578													270	2
3	919.3	137,420	4.52	842	5.95	580	1.95	276	2.78	300	2.54	128	.72	63				1500	405	270	3
4	918.9	136,231	4.52	842	5.97	584	1.94	273	2.75	296	2.54	128	.69	59	15	12		16		270	4
5	918.4	134,789	4.52	842	5.96	582	1.97	282	2.70	290	2.55	128	.76	70					404	269	5
6	918.0	133,629	4.40	767	5.75	540	1.93	270	2.65	283	2.52	126	.48	32	18	12		20		269	6
7	917.7	132,777	4.30	703	5.74	538	1.77	231	2.66	284	2.57	130	.48	32				23	4.01	266	7
8	917.3	121,641	4.42	780	5.75	540	1.92	268	2.57	273	2.46	120	.54	40						266	8
9				780		540														266	9
10	916.4	129,103	4.42	780	5.77	544	1.92	268	2.50	264	2.45	119	.61	47	18	20		19	3.97	258	10
11	916.0	127,982	4.42	780	5.77	544	1.92	268	2.50	264	2.44	118	.61	47	16	20		18		258	11
12	915.5	126,597	4.42	780	5.78	546	1.92	268	2.40	251	2.38	113	.70	60					3.95	255	12
13	915.1	125,489	4.40	767	5.78	546	1.90	262	2.40	251	2.36	112	.70	60	7	18		15		255	13
14	914.8	124,664	4.42	780	5.78	546	1.93	270	2.41	252	2.35	111	.68	57	7	18		15	3.93	252	14
15	914.4	123,568	4.42	780	5.78	546	1.92	268	2.41	252	2.40	115	.68	57						252	15
16				780		546														252	16
17	913.5	121,122	4.41	773	5.77	544	1.91	265	2.43	255	2.38	113	.71	62	7	18			3.90	248	17
18	913.2	120,312	4.41	773	5.77	544	1.92	268	2.46	258	2.42	117	.66	54				8		248	18
19	912.7	118,971	4.41	773	5.77	544	1.91	265	2.57	273	2.42	117	.55	40	7	18			3.87	243	19
20	912.3	117,903	4.40	767	5.78	546	1.87	255	2.62	279	2.52	126	.44	28				11		243	20
21	911.8	116,575	4.40	767	5.78	541	1.90	262	2.61	278	2.54	128	.49	31	10	18		13	3.84	238	21
22	911.4	115,520	4.40	767	5.78	546	1.85	250	2.60	277	2.50	124	.50	34						238	22
23				767		546														238	23
24	910.5	113,147	4.40	767	5.77	544	1.87	255	2.60	277	2.52	126	.49	33	20	16		18	3.80	232	24
25	910.0	111,867	4.40	767	5.76	542	1.89	260	2.61	278	2.54	128	.49	33				22		232	25
26	909.5	110,582	4.40	767	5.76	542	1.86	252	2.49	262	2.40	115	.66	54	18	16		18	3.75	225	26
27	909.0	109,300	4.40	767	5.76	542	1.85	250	2.51	265	2.40	115	.66	54	18	16		21		225	27
28	908.6	108,285	4.28	691	5.61	512	1.78	233	2.44	256	2.41	116	.50	34						225	28
29				691		512														225	29
30				691		512														225	30
31																					31
				23,215		16,400														7483	

FWRB00003328

September 1984

	Nº 51		Nº 52		Nº 15		Main	L.S.	Krall	Dry	Nº 19		Nº 1		Nº 2		
1	2.48	138	4.22	225	3.22	339	5	5		5	1.90	405					1
2											1.80	366					2
3	2.52	145	4.20	224	3.23	340	7	9	6	6							3
4	2.60	163	4.16	221	3.24	342	7	7	7	6	1.77	355					4
5	2.60	163	4.16	221	3.23	340	7	6	7	8	1.74	343	3.23	12	4.39	186	5
6	2.52	145	4.12	218	3.15	326	5	5	7	8	1.79	362					6
7	1.90	65	3.76	193	3.10	317	6	6	4	8	1.80	366					7
8	2.40	125	4.04	212	3.14	324	8	8	6	8	1.77	355					8
9																	9
10	2.62	168	4.14	219	3.17	330	10	10	6	8	1.74	343					10
11	2.64	173	4.16	221	3.08	313	10	11	8	7	1.73	340					11
12	2.62	168	4.16	221	3.06	310	6	10	8	7	1.72	336					12
13	2.44	138	4.08	215	3.03	304	7	9	4	6	1.70	329					13
14	2.58	158	4.12	218	3.04	306	8	12	6	6	1.70	329					14
15	2.60	163	4.12	218	3.04	306	8	9	10	8	1.69	325					15
16																	16
17	2.62	168	4.14	219	2.96	292	12	9	12	8	1.69	325					17
18	2.62	168	4.14	219	2.96	292	12	14	8	8	1.68	322			4.34	173	18
19	2.52	145	4.12	218	2.95	290	10	11	20	7	1.68	322					19
20	2.30	113	4.00	210	2.80	264	7	8	28	7	1.68	322					20
21	2.30	113	4.00	210	2.85	272	7	8	28	7	1.66	315					21
22	2.36	119	4.02	211	2.86	274	7	8	25	8	1.66	315					22
23																	23
24	2.72	195	3.90	209	2.93	286	19	12	25	12	1.60	294	3.41	21	4.05	114	24
25	2.88	255	3.90	209	2.86	274	19	12	27	12	1.60	294					25
26	3.20	450	3.34	163	2.75	255	20	13	18	10	1.60	294					26
27	3.20	450	3.08	148	2.73	252	21	13	11	8	1.60	294					27
28	3.18	435	3.10	149	2.59	228					1.59	291					28
29																	29
30																	30
31																	31

IWRB00003329

	Magic		No. 3		No 4		No. 5		East		West		H. J. B.		W1	W2	East Spill		No. 48	
1	9.074	105,267	4.28	.691	5.60	510	1.73	221	242	253	240	115	60	46	20	15		21	3.52	237
2	9.070	104,268	4.26	679	5.58	506	1.74	222	2.42	253	2.41	116	59	45				22		
3	9067	103,627	4.21	679	5.59	508	1.74	222	2.36	246	2.40	115	63	50						
4	9063	102,541	4.26	678	5.57	504	1.74	222	235	244	2.40	115	62	49	25	15		21	348	231
5	9059	101,560	4.24	667	5.57	504	1.72	216	2.57	273	2.40	115	63	50						
6																				
7																				
8																				
9																				
10							Stock Run Nov. 12 1984													
11																				
12	9125	118,437	3.05	201			3.05	201		All to Shoshone										
13			3.88	500	402	300	.96	198	1.60	153	1.40	57	Bol.							
14																				
15	—	Off	—	50' too Much			in Richfield													
16																				
17																				
18																				
19																				
20	9131	120,042																		
21																				
22																				
23																				
24																				
25																				
26	9145	123,842																		
27																				
28																				
29																				
30																				
31																				

3394 2532

DEPOSITION EXHIBIT 21

IWRB00003330

468

1986

IWRB00003331

APRIL 1986

	No 60		No 17		No 9		No X		No Y		No Z		+ or Rain		No 21		No 93		R 57	
																			1 to 100	
2			4.28	541	5.62	2946													93	
3			4.23	531	5.14	2370														
4			4.22	529	5.14	2370														
5			4.18	520	4.95	2142														
6			4.17	517	4.73	1878														
7	3.11	3.64	4.04	4.89	4.57	1712														252
8	4.61	5.91	3.84	448	4.45	1592														260
9	4.65	597	3.85	450	4.52	1662														260
10	4.62	592	3.85	450	4.98	2178														265
11	4.62	592	3.92	464	4.51	1652													2.61	265
12			3.97	4.74	5.10	2322													2.50	261
13			3.96	472	5.20	2442														270
14	4.64	596	3.97	474	5.25	2502														275
15	4.64	596	4.01	482	5.08	2298	1.80	322	1.91	32	47	29	+286						2.44	252
16	4.64	596	3.93	466	4.90	2092	1.65	297	2.05	55	47	29	+217		7.45	2409	2.03	18	2.58	239
17	5.74	798	3.86	457	4.78	1938	1.46	240	2.05	55	47	29	+171	273	7.31	7254	2.04	19	2.40	223
18	5.73	796	3.71	422	4.83	1998	1.20	178	2.12	62	47	29	+102	322	7.25	2190	2.00	18	3.34	310
19	5.99	846	3.45	376	4.60	1747	1.38	221	2.20	71	51	31	+144	280	7.18	2118	1.98	17	3.34 C	342
20	5.71	792																		
21	5.68	786	3.45	376	4.45	1592	1.36	216	2.40	94	.57	36	+101	276	7.04	1980	2.10	20	3.34	342
22	5.69	788	3.32	354	4.34	1482	1.20 C	178	2.54	111	.64	42	+40	254	6.98	1922	2.08	19	3.41	350
23	5.63	777	3.03	307	3.81	1010	1.24	188	2.54	111	.74	51	+41	220	6.76	1724	2.07	19	3.48	360
24	5.71	792	3.00	301	3.83	1026	1.12	160	2.60	119	.72	49	+7	190	6.24	1337	2.07	19	3.75	396
25	5.73	796	3.05	309	3.85	1042	1.40	226	2.60	119	.76	53	+67	186	6.44	1476	2.07	19	3.74	394
26	6.66	982	2.97	296	2.95	467	1.40	226	2.60	119	.76	53	+69	256	6.53	1541	2.07	19	3.32	340
27			3.06	311	3.07	527	1.70	312	2.60	119	.77	54			6.58	1579	2.22	22		
28	6.49	948	3.06	311	3.07	527	1.70	312	2.60	119	.77	54	+154	182	6.58	1579	2.22	22	4.50	466
29	6.48	880 C	3.10	317	3.14	562	1.61	276	2.65	126	.80	57	+108	159	6.01	1189	2.21	21	4.48	465
30	6.43	870	2.92	288	3.19	587	1.50	250	2.70	132	.83	61	+72	157	5.94	1147	2.20	21	4.44	459
31																				

18127A755

FWRB00003332

May 1986

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		T or -	No. 21		No. 93		
	6.42	868	2.41	208	2.86	426	1.43	255	2.70	132	.85	63	+ 75	5.96	1159	2.14	20	1
2	6.40	864	2.38	204	2.71	366	1.55	284	2.75	138	.86	64	+97	5.33	886	2.42	26	2
7.15 3.	7.16	1016	2.10	165	2.67	353	1.50	272	2.75	138	.98	67	+82	5.20	826	2.78	34	3
4	7.08	1000	2.65	245	2.65	347	1.48	267	2.75	138	.93	74	+70	5.01	757	2.90	37	4
5	7.15	1014	2.47	218	2.67	353	1.67	312	2.75	138	.92	72	+117	5.08	782	2.00	39	5
6	7.08	1000	2.85	277	2.93	457	1.68	315	2.82	148	.92	72	+110	5.38	896	3.09	42	6
7	7.16	1016	2.03	306	2.92	452	1.66	310	2.82	148	.93	74	+103	5.67	1014	3.02	40	7
8	7.12	1008	2.50	222	2.99	487	1.86	354	2.82	148	.93	74	+147	5.77	1059	2.92	37	8
9	7.16	1016	1.57	232	2.93	457	1.90	360	2.82	148	.93	74	+153	5.79	1068	3.02	40	9
10	7.12	1008	2.54	228	2.96	472	1.95	371	2.75	138	.90	70	+178	5.82	1082	3.00	39	10
11			2.54	228	2.96	472	2.00	380	2.75	138	.90	70	+187	5.80	1073	2.99	39	11
12	7.16	1016	2.49	220	2.98	487	1.93	366	2.80	145	.87	66	+174	5.83	1046	2.99	39	12
13	7.12	1008	2.43	212	2.97	477	1.73	327	2.80	145	.87	66	+116	5.76	1054	2.97	38	13
14	7.16	1016	2.16	173	2.91	447	1.66	310	2.80	145	.93	74	+106	5.69	1023	2.92	37	14
15	7.96	1186	1.97	147	2.88	434	1.75	332	2.80	145	.97	79	+123	5.46	928	2.97	38	15
16	7.97	1188	2.03	155	2.98	482	1.82	348	2.86	153	.97	79	+131	5.40	904	3.00	39	16
17	7.90	1172	2.25	186	2.90	442	1.84	346	2.90	158	.97	79	+124	5.56	968	3.05	40	17
18			2.24	185	2.86	426	1.75	332	2.90	158	1.00	86	+103	5.48	936	3.00	39	18
19	7.94	1181	1.95	144	2.82	410	1.76	334	2.90	158	1.02	86	+105	5.36	888	2.94	39	19
20	8.64	1341	1.64	103	2.17	212	1.70	©279	2.90	©154	1.02	©88	+ 52	5.12	797	2.94	39	20
21	8.84	1387	1.83	128	1.54	104	1.80	341	2.90	154	1.05	92	+110	3.90	434	3.08	41	21
22	8.86	1392	1.95	144	1.71	128	1.85	351	2.90	154	.97	80	+132	3.63	373	3.09	42	22
23	8.98	1406	2.63	242	1.73	131	1.86	352	2.96	162	.97	80	+125	3.90	434	3.12	42	23
24	8.24	1249	3.11	319	1.80	142	1.85	351	2.96	*162	.97	80	+124	4.15	495	3.05	41	24
25			2.70	253	3.14	562	1.68	314	2.90	154	.97	80	+97	4.38	557	2.90	36	25
26	8.25	1252	2.20	179	3.05	517	1.71	320	2.90	154	.97	80	+101	5.73	1041	2.98	38	26
27	8.25	1252	2.14	171	3.56	824	1.65	305	2.90	154	1.01	86	+ 80	5.53	956	2.97	38	27
28	8.23	1247	1.82	127	3.03	507	1.44	255	2.95	161	1.03	89	+ 20	6.10	1245	2.98	C 34	28
29	8.64	1341	1.50	C 80	3.60	852	1.49	267	2.97	164	1.03	89	+ 29	5.14	804	3.16	38	29
30	8.64	1341	2.20	173	5.04	2207	1.60	293	2.98	165	1.05	92	+ 51	6.00	1183	3.22	40	30
31	8.64	1341	2.55	224	6.72	~~4580~~	1.55	281	2.98	165	1.05	92	+ 39	7.23	2179	3.16	38	31
		35.555	41147															

IWRB00003333

APRIL 1986

	Magic		No. 3		No. 4		No. 5		East		West		H.S.B.		Spill		No. 45	
1																		
2																		
3																		
4																		
5																		
6																		
7	9331	184,138	644	2390	2.47	.42	4.56	2196										
8	933.1	184,138																
9	933.1	184,138																
10	933.2	184,522																
11	933.2	184,523	6.40	2400	2.57	45	4.58	2228										
12	933.3	184,906	6.44	2440	2.55	47	4.62	2296										
13	933.3	184,906	6.58	2570	2.58	49	4.74	2440										
14	933.3	184,906	6.62	2,600	2.60	50	4.74	2512									2.34	120
15	933.2	184,522	6.62	2,600	2.56	49	4.62	2296										
16	933.0	183,754	6.42	2420	2.53	46	4.56	2196									2.34	120
17	932.8	182,994	6.42	2420	2.52	45	4.55	2180										
18	932.6	182.242	6.40	2460	2.50	44	4.51	2116										
19	932.4	181,496	6.32	2330	3.08	92	4.38	1908										
20																		
21	931.9	179,602	6.32	2330	3.34	120	4.27	1732									2.62	153
22	931.8	179,230	6.24	2250	3.30	116	4.30	1780	1.00	81	.70	48	.40	24				
23	931.9	179,602	6.24	2250	4.45	286	4.10	1480	1.30	117	1.04	55	1.10	132			2.63	154
24	932.1	180,352	6.24	2250	4.25	248	4.10	1480	1.29	116	1.04	55	1.10	132	6	10		
25	932.3	181,108	6.26	2270	4.26	250	4.09	1468	1.37	125	1.67	76	1.00	112	6	10	9	
26	932.7	182,620	5.64	1740	4.44	284	3.30	740	1.51	142	1.71	78	.99	110	13	12	12	2.74	168
27																		
28	933.3	184,906	5.50	1630	4.45	286	3.36	776	1.72	167	1.76	86	.80	76	12	12	9	2.85	183
29	933.4	185,290	5.52	1640	4.45	286	3.47	849	1.72	167	1.76	80	.86	76	14	12	12		
30	933.5	185,674	5.78	1860	4.43	282	3.61	959	1.88	187	1.76	80	.68	57	12	12		2.84	c 180
31															7	12	10		
				1,020		3,168													

IWRB000003334

May 1986

	No 14		No 54		No 53		No 56		No 10		No 11		M.T.B.		Marley		F	Waste	S	Waste	
1	3.55	439	3.13	358	5.01	650	6.56	598	3.67	278	3.84	168	2.56	139	0.56	47		19.6	.46	41	1
2	3.36	405	3.06	329	4.86	623	6.44	574	3.57	252	3.92	185	2.64	152	0.66	61		24	.46	41	2
3	3.41	414	3.04	337	5.10	666	6.60	606	3.48	230	3.91	183	2.68	158					.42	35	3
4									3.50	235	3.92	185	2.70	162	—	—	—	—	—	—	4
5	3.70	468	2.98	287	5.31	708	6.39	564	4.11	423	3.98	198	2.68	158					.44	38	5
6	4.48	626	3.31	448	5.46	744	6.70	626	3.97	371	3.97	196	2.70	162	0.75	76		23.0	.46	41	6
7	4.36	600	3.26	420	5.48	749	6.67	620	3.90	347	2.96	193	2.68	158					.45	39	7
8	4.52	635	3.33	460	5.60	778	6.79	644	3.97	371	3.97	196	2.72	165	.72	70		25.4	.46	41	8
9	4.58	648	3.33	460	5.52	759	6.71	628	3.89	344	3.97	196	2.74	168					46	41	9
10	4.36	600	3.24	410	5.45	742	6.65	616	3.79	316	3.96	193	2.72	165	.70	67		28.6	46	41	10
11									3.79	316	3.96	193	2.76	172					48	44	11
12	4.40	609	3.26	420	5.49	752	6.67	620	3.70	287	3.94	191	2.73	167							12
13	4.25	576	3.19	384	5.53	761	6.55	596	3.52	240	3.93	187	2.70	162	.70	67		26.2	.48	44	13
14	4.09	544	3.13	358	5.22	690	6.43	572	3.35	199	3.91	183	2.66	155					.48	44	14
15	3.99	523	3.03	318	5.56	768	6.59	604	3.17	160	3.90	180	2.65	154	.68	66		26.2	.48	44	15
16	4.10	546	2.97	296	5.96	870	6.81	648	3.34	196	3.91	183	2.63	150					.44	38	16
17	4.27	580	2.92	281	5.94	864	6.56	598	3.15	156	3.89	178	2.52	133	.66	61		23.0	46	41	17
18									2.79	95	3.85	170	2.46	123							18
19	3.79	485	2.53	164	5.81	841	6.25	536	2.75	94	3.93	187	2.39	113					.44	38	19
20	9.52	490	2.40	129	6.11	913	6.37	560	2.62	78	3.93	187	2.42	117	.68	64		10.2	22	12	20
21	3.85	496	2.20	88	6.46	1034	6.50	586	2.55	115	4.29	208	2.56	136					69	76	21
22	4.18	562	2.54	167	6.63	1102	6.77	640	3.43	313	4.61	290	2.69	146	.64	58		26.2	.82	82	22
23	5.04	751	2.99	303	6.77	1158	6.72	630	3.58	360	4.63	296	2.51	128					.52	49	23
24	4.94	724	2.92	281	6.57	1078	6.59	604	3.21	252	4.41	237	2.66	152	.60	52		30.2	.58	58	24
25									3.13	232	4.37	227	2.36	106					—	—	25
26	4.03	531	2.63	194	6.24	952	6.57	600	3.11	228	4.37	227	2.36	106					.60	62	26
27	3.94	514	2.55	170	6.19	937	6.49	584	2.98	220	4.32	215	2.19	86	.60	52		26.2	.58	58	27
28	3.74	475	2.37	122	6.08	904	6.33	552	2.69	138	4.33	217	2.40	112					.56	49	28
29	3.87	500	2.34	116	6.40	1010	6.58	602	3.53	344	4.61	290	2.60	142	.54	44		25.4	.59	54	29
30	4.47	626	2.99	303	6.38	1002	6.87	660	4.01	521	4.42	239	2.54	133					.54	46	30
31	4.80	697	3.19	384	6.40	1010	7.00	686	4.15	583	4.44	244	2.52	130	.47	48					31

T 26,415 A 852

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IVRR00003335

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	No 60		No 17		No 9		No x		No y		No z		+/-		No 21		No 93			
1			2.95	.287	6.55	4270	1.63	300	3.04	173	1.05	92		+50	7.74	2717	3.22	40		
2	8.63	1339	2.98	291	6.31	3920	1.77	320	3.05	175	1.06	94		+66	7.87	2862	3.14	38		
3	8.67	1348	2.90	279	6.23	3520	1.80	341	3.05	175	1.05	92		+89	7.88	2873	3.12	37		
4	8.66	1346	2.88	275	6.11	3500	1.88	341	3.04	173	1.02	85		+98	7.84	2986	3.01	35		
5	8.67	1348	2.91	293	6.36	3900	1.90	358	3.04	173	.99	83		+117	7.74	2867	3.02	35		
6	8.65	1347	3.04	301	6.40	4040	1.81	344	3.05	175	1.00	85		+99	7.93	3090	3.05	36		
7	8.65	1344	3.02	298	6.12	3601	1.84	349	3.05	175	.97	80		+109	7.97	3141	3.03	35		
8			3.13	315	5.39	2130	2.11	407	2.98	165	.94	76		+181	7.76	2885	3.05	36		
9	8.71	1357	3.16	323	4.94		2.01	383	2.98	165	.93	75		+158	7.50	2598	2.70	28		
10	8.68	1351	2.92	282	4.10	1252	1.99	375	2.94	159	.90	71		+160	7.21	2286	2.68	27		
11	8.72	1360	3.07	306	3.75	962	2.14	414	2.94	159	.91	72		+194	6.63	1721	2.68	27		
12	8.67	1348	2.95	287	2.56	320	2.01	409	2.94	170	.95	86		+148	6.49	1609	1.67	32		
13	8.72	1360	2.83	267	2.93	457	1.88	378	2.93	169	.97	89		+135	5.09	934	2.73	34		
14	8.71	1357	2.77	258	3.46	754	1.80	360	3.00	179	.95	86		+110	6.12	1343	2.84	37		
15			2.87	274	3.44	740	1.93	390	3.00	179	.95	86		+140	6.22	1412	2.85	37		
16	8.70	1355	2.77	258	3.43	733	2.04	416	3.00	179	.95	86		+166	6.84	1426	3.02	41		
17	8.70	1355	2.77	258	3.35	686	1.99	404	3.00	179	.98	91		+149	6.21	1405	3.00	41		
18	8.72	1360	2.70	247	3.27	634	1.79	358	3.14	199	.98	91		+83	6.10	1330	3.08	44		
19	8.71	1357	2.65	239	3.22	604	1.55	308	3.22	211	1.01	95		+17	5.82	1153	3.06	43		
20	8.67	1348	2.65	239	3.20	592	1.63	327	3.28	221	1.00	94		+27	5.67	1077	3.07	43		
21	8.70	1387	2.60	231	2.77	390	1.81	360	3.28	221	1.00	94	+	45	5.70	1086	3.05	42		
22			2.54	224	2.20	218	1.70	344	3.28	221	1.01	95	+	43	5.22	884	3.03	42		
23	8.69	1385	2.31	189	1.97	172	1.80	360	3.34	238	1.04	99	+	46	4.04	500	3.11	44		
24	9.10	1479	2.02	148	1.89	156	1.88	378	3.34	230	1.06	102	+	41	3.90	465	3.05	42		
25	9.10	1479	1.98	143	1.47	94	1.90	383	3.40	240	1.06	102	+	56	3.48	369	3.20	51		
26	9.10	1479	1.98	143	1.43	111	1.77	355	3.40	240	1.08	106	+	24	3.09	291	3.15	45		
27	9.23	1510	1.60	92	1.40	106	1.85	371	3.38	237	1.07	104	+	45	2.83	243	3.10	44		
28	9.15	1491	1.86	125	1.30	93	2.00	407	3.38	237	1.07	104	+	81	2.68	217	3.13	45		
29			1.83	122	1.05	67	2.02	411	3.38	237	1.09	107	+	82	2.76	231	3.11	44		
30	9.18	1498	1.75	112	1.98	145	2.00	407	3.38	237	1.09	107	+	78	2.75	229	3.10	44		
31																				

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WRB00003336

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	Mag. C		No. 3		No. 4		No. 5		East		West		H-B		IN1	W2	E Spill		No. 48		
1																					1
2	935.4	193,084	8.54	4470	5.48	645	6.24	4225	2.77	291	2.85	179	0.65	104	6	15		8	3.78	338	2
3	935.4	193084	8.54	4470	5.48	645	6.23	4225	2.84	300	2.85	179	.55	86	8	18		10			3
4	935.4	193,084	8.48	4400	5.47	641	6.20	3759	2.83	299	2.84	178	.55	86	10	16		12	3.80	342	4
5	935.4	193,084	8.48	4400	5.47	641	6.21	3762	2.84	300	2.85	179	.55	86	10	18		11			5
6	935.4	193 084	8.48	4400	5.48	645	6.20	3759	2.84	300	2.85	179	.55	86	7	18		11	3.81	344	6
7	935.2	192,292	8.32	4220	5.48	645	6.06	3575	2.84	300	2.85	179	.55	86	10	18		11			7
8																					8
9	935.0	191,500	8.28	4180	5.48	645	4.77	3525	2.94	313	2.88	184	.60	95	11	18		10	3.73	329	9
10	935.0	191,500	6.34	2250	5.48	645	4.16	1636	2.86	303	2.84	178	.55	86	11	18		16	3.68	321	10
11	934.9	191,109	6.32	2240	ⓒ 5.49	558	ⓒ 4.13	1748	2.86	303	2.86	180	.56	88	14	20		17	3.68	321	11
12	935.3	192,688	5.04	1210	5.44	542	3.05	690	2.94	300	2.85	179	.55	86	14	20		19			12
13	935.3	192,688	6.20	2130	5.50	561	ⓒ 3.97	1536	2.80	295	2.83	176	.67	108	15	20		16	3.72	328	13
14	935.3	192,688	6.20	2130	5.57	584	3.96	1522	2.76	290	2.80	173	.74	122	15	20		18			14
15																					15
16	935.3	192,688	6.20	2130	5.58	587	3.98	1550	2.75	288	2.80	173.	.70	114	15	20		14	3.75	333	16
17	935.2	192,292	6.18	2110	5.58	587	3.98	1550	2.73	286	2.78	171	.72	118	15	20		14			17
18	935.2	192,292	6.18	2110	5.59	590	3.93	1480	2.72	284	2.78	171	.71	116	15	20		15	3.75	333	18
19	935.1	191,896	6.14	2080	5.59	590	3.92	1468	2.69	281	2.77	170	.70	114	11	20		14			19
20	935.0	191,500	6.12	2060	5.60	593	3.89	1432	2.69	281	2.77	170	.70	114	12	20		11	3.78	338	20
21	934.9	191,169	5.76	1810	5.60	593	3.54	1050	2.68	279	2.75	167	.68	110	12	20		11			21
22																					22
23	934.9	191,109	5.16	1340	5.60	593	2.90	628	2.69	281	2.77	170	.62	99	11	20		9	3.57	302	23
24	935.0	191,500	4.62	952	5.73	635	2.12	ⓒ 373	2.76	290	2.80	173	.75	124	12	20		9			24
25	935.2	192,292	4.64	965	5.76	645	2.12	373	2.71	283	2.79	172.	.73	120.	12	20		7	3.91	342	25
26	935.2	192,292	4.64	965	5.91	696	2.19	393	2.78	292	2.77	170	.81	147.	14	20		4	3.76	335	26
27	935.3	192,688	4.78	1060	5.98	720	2.17	387	2.82	316	2.80	173	.88	152	13	20		7	3.63	342	27
28	935.3	192,688	4.84	1100	5.98	720	2.34	435	2.82	316	2.80	173	.88	152	13	20		8			28
29																					29
30	934.9	191,169	5.00	1220	6.01	730	2.54	493	2.80	313	2.80	173	.86	147	4	20		6	3.68	321	30
31				74,132		18,863															31

IAVRB00003337
9910

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	No 60		No 17		No 9		No X		No Y		No Z		+ or -		No 21		No 93			
	9.20	1502	1.65	99	1.40	106	2.02	411	3.38	237	1.10	108	+ 81		3.68	113	3.08	43		
2	9.20	1502	1.37	65	1.68	148	2.02	411	3.38	237	1.10	108	+81		2.87	215	3.01	41		
3	9.20	1502	1.19	44	1.06	41	2.03	414	3.38	237	1.10	108	+84		2.50	147	2.93	39		
4	9.39	1548	1.11	36	1.16	78	2.05	419	3.38	237	1.09	107	+88		2.31	159	2.98	40		
5	9.40	1550	1.71	46	1.26	88	2.34	486	3.30	208	1.04	100	+195		2.48	184	3.02	41		
6			1.95	138	1.34	98	2.03	414	3.30	208	1.04	100	+121		3.12	297	3.10	44		
7	9.38	1546	1.86	127	1.24	86	1.87	375	3.28	205	1.01	95	+90		3.18	308	3.08	43		
8	9.40	1518	1.88	129	1.15	77	1.83	366	3.26	218	1.04	© 100	+63		2.83	243	3.11	© 38		
9	9.34	1536	1.69	© 116	1.21	© 50	1.96	© 397	3.26	© 210	1.07	104	+98		2.71	222	3.06	36		
10	9.34	1536	1.62	107	1.21	50	1.94	392	3.26	210	1.06	102	+95		2.82	241	3.10	37		
11	9.40	1550	1.40	79	1.21	50	1.94	392	3.20	200	1.03	98	+109		2.74	228	3.06	36		
12	9.40	1550	1.15	49	1.22	51	1.93	390	3.20	200	1.02	97	+108		2.69	219	3.07	36		
13	9.40	1550	1.08	42	1.26	54	1.95	395	3.20	200	1.02	97	+113		2.59	202	3.09	37		
14	9.40	1550	1.02	37	1.23	52	2.02	411	3.20	200	1.02	97	+129		2.76	231	3.08	37		
15	9.38	1546	1.04	38	1.22	51	2.03	414	3.20	200	0.99	92	+137		2.70	221	3.10	37		
16	9.40	1550	0.96	31	1.18	47	2.03	414	3.20	200	1.00	94	+135		2.66	214	3.07	36		
17	9.39	1548	1.02	37	1.15	45	1.99	404	3.20	200	1.00	94	+125		2.67	216	3.07	36		
18	9.40	© 1493	1.08	42	1.22	51	2.00	407	3.20	200	1.00	94	+128		2.58	200	3.10	37		
19	9.39	1491	1.14	48	1.17	47	1.93	390	3.20	200	0.96	88	+117		2.64	210	3.10	37		
20			1.12	46	1.13	44	1.96	397	3.20	200	.95	86	+126		2.41	174	3.08	37		
21	9.40	1493	1.06	40	1.18	47	2.00	407	3.20	200	.96	88	+124		2.62	207	3.07	36		
22	9.35	1482	1.20	56	1.33	61	1.99	404	3.20	200	.97	89	+130		2.64	210	3.13	38		
23	9.41	1498	1.16	50	1.15	45	2.04	416	3.20	200	.97	89	+142		2.77	233	3.10	37		
24	9.41	1498	.98	33	1.07	38	2.09	429	3.20	200	.97	89	+155		2.66	214	3.03	36		
25	9.41	1498	1.40	79	1.24	52	2.01	409	3.20	200	.97	89	+135		2.56	197	3.16	39		
26	9.41	1498	1.70	118	1.30	58	1.88	378	3.12	189	.95	86	+118		2.89	254	3.11	38		
27	9.43	1500	1.78	124	1.38	65	1.74	351	3.04	178	.93	83	+104		3.10	293	2.94	33		
28	9.43	1500	1.77	127	1.41	68	1.81	361	3.04	178	.89	78	+120		3.14	301	2.96	34		
29	9.40	1493	1.98	155	1.42	69	1.73	349	3.05	179	.97	89	+96		3.06	285	3.01	35		
30	8.93	1385	2.06	166	1.42	69	1.67	337	3.05	179	.97	89	+84		3.00	274	3102	35		
31	8.98	© 1385	1.99	157	1.37	64	1.71	346	3.05	179	.98	98	+84		3.12	297	3.00	35		
		46,839	1841																	

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	No. 14		No. 54		No. 53		No. 56		No. 10		No. 11		MJB		Marley		F Waste		S. Waste		
1	4.01	504	2.00	48	6.70	1062	6.44	574	2.38	80	4.47	242	260	142	0.63	56	14.8		.56	49	1
2	3.84	471	1.99	47	6.69	1058	6.55	596	2.38	80	4.44	234	2.55	134					.52	44	2
3	3.84	471	1.93	41	6.67	1050	6.54	594	2.40	85	4.48	244	2.62	146	.68	64	11.2		.72		3
4	3.85	472	2.03	52	6.79	1098	6.69	624	2.35	77	4.50	250	2.66	152					.76	82	4
5	4.06	514	2.04	53	7.01	1186	6.88	662	2.35	77	4.55	263	2.72	162	.75	76	21.2		.90	89	5
6									2.36	78	4.53	258	2.68	155							6
7	4.25	552	2.13	64	6.91	1146	6.58	602	2.39	81	4.54	261	2.66	152					.52	44	7
8	4.20	542	2.10	60	6.86	1046	6.54	594	2.46	90	4.58	271	2.70	158	.64	58	23.8		.44	32	8
9	4.01	504	2.14	65	6.86	1046	6.72	630	2.33	74	4.50	250	2.72	162					.30	16	9
10	3.96	©526	2.11	©76	6.75	©1118	6.64	©628	2.35	©84	4.50	©237	2.72	©185	.71	©60	11.2		.16	7	10
11	3.74	483	2.05	66	6.73	1110	6.72	644	2.32	80	4.51	239	2.72	185					.46	35	11
12	3.75	485	2.05	66	6.74	1114	6.74	648	2.35	84	4.51	239	2.68	177	.68	55	9.0		.35	21	12
13									2.36	85	4.54	247	2.74	188					.14	0	13
14	3.79	492	2.04	65	6.84	1154	6.80	660	2.35	84	4.53	244	2.73	186					.24	10	14
15	3.85	504	2.03	64	6.77	1126	6.69	638	2.29	77	4.52	242	2.74	188	0.64	49	10.2		.32	22	15
16	3.81	496	2.01	61	6.73	1110	6.65	630	2.36	78	4.52	242	2.70	181					.42	29	16
17	3.81	496	1.97	56	6.75	1118	6.65	630	2.28	76	4.51	239	2.64	170	0.66	52	9.0		.39	26	17
18	3.84	502	1.94	53	6.79	1134	6.68	636	2.28	76	4.51	239	2.65	172					.32	17.6	18
19	3.82	498	1.94	53	6.79	1134	6.69	638	2.27	75	4.50	237	2.64	170	0.65	51	10.2		.28	18	19
20									2.24	71	4.52	242	2.68	177							20
21	3.92	498	1.93	52	6.77	1126	6.67	634	2.25	72	4.50	237	2.62	167					.50	41	21
22	3.79	492	1.91	50	6.75	1118	6.66	632	2.24	71	4.47	229	2.56	157	.59	43	7.8		.52	44	22
23	3.75	485	1.88	46	6.65	1078	6.58	616	2.28	76	4.50	237	2.58	160					.50	41	23
24	3.84	502	1.88	46	6.87	1166	6.72	644	2.31	79	4.50	237	2.58	160	.61	46	12		.52	44	24
25	4.04	550	1.93	52	6.89	1170	6.65	630	2.30	78	4.49	234	2.56	157					.54	46	25
26	4.04	550	1.95	54	6.95	1198	6.72	644	2.38	87	4.52	242	2.56	157	.58	52	16.8		.58	52	26
27	4.10	554	〃	〃	〃	〃	〃	〃	2.40	90	4.53	244	2.60	163	〃	〃	〃		〃	〃	27
28	4.12	558	2.03	64	7.00	1218	6.78	656	2.42	92	4.54	247	2.48	160					.74	78	28
29	4.25	685	2.13	79	7.03	1230	6.79	658	2.38	87	4.47	229	2.56	157	.64	49	23.8		.76	82	29
30	4.18	570	2.17	86	6.80	1138	6.64	628	2.38	87	4.48	232	2.60	163					.80	89	30
31	4.06	546	2.18	88	6.74	1114	6.57	614	2.37	86	4.48	232	2.61	165	.71	60	19		.86		31

T34994 #1129

7520

IVRB0006339

Aug. 1986

	No 14		No. 54		No 53		No 56		No 10		No 11		M.T.B.		Marley		F. Waste		S. Waste	
1	4.12	558	2.18	88'	6.77	1126	6.60	620'	2.41	91	4.50	237	2.63	168					0.84	97
2	4.09	552	2.21	94	6.73	1110	6.58	616	2.41	91	4.50	237	262	167	0.70	58		18.2	.80	89
3.									2.40	90	4.50	237	267	175					.75	58
4	4.13	562	2.25	102	6.74	1114	6.61	622	2.40	90	4.51	239	266	174					.75	58
5	4.03	540	2.25	102	6.49	1014	6.46	592	2.40	81	4.52	205	2.66	168	0.74	64		21.8	.76	60
6	3.91	516	2.28	108	6.30	946	6.35	570	2.42	84	4.48	195	2.66	168					.80	66
7	3.90	536	2.30	92	6.29	978	6.32	530	2.39	80	4.47	193	2.64	165	0.72	61		15.4	.72	54
8	3.90	536	2.28	88	6.27	970	6.31	528	2.38	79	4.48	195	2.66	168				15.4	.72	54
9	3.93	540	2.28	88	6.34	998	6.36	538	2.34	75	4.47	193	2.66	168	0.70	58		14.8	.74	57
10									2.38	79	4.49	198	2.68	172						
11	3.95	544	2.26	84	6.33	994	6.38	542	2.38	79	4.49	198	2.70	175					.74	57
12	3.93	540	2.27	86	6.29	978	6.35	536	2.39	80	4.50	201	2.72	179	.66	52		11.2	.70	51
13	3.91	536	2.27	86	6.29	978	6.35	536	2.36	77	4.51	203	2.74	183					.70	51
14	4.06	568	2.27	86	6.54	1074	6.57	568	2.44	86	4.51	203	2.66	168	.67	54		10.2	74	57
15	4.05	564	2.27	86	6.54	1074	6.50	566	2.44	86	4.51	203	2.69	174					74	57
16	4.01	556	2.25	88	6.58	1094	6.49	564	2.48	91	4.53	208	2.76	180	.65	50		12	.78	63
17									2.47	90	4.52	205	2.72	179						
18	4.05	564	2.28	88	6.62	1110	6.56	578	2.44	86	4.54	203	2.66	168					.76	60
19	4.03	560	2.25	82	6.62	1110	6.54	574	2.45	87	4.51	203	2.64	165	.63	48		9	.72	54
20	4.00	554	2.22	78	6.59	1098	6.53	572	2.41	88	4.52	205	2.65	167					.72	54
21	4.00	554	2.20	74	6.62	1110	6.51	568	2.44	86	4.51	203	2.62	162	.60	44		8.4	.74	57
22	3.97	548	2.17	70	6.61	1106	6.51	568	2.45	87	4.52	205	2.61	160					.74	57
23	4.03	560	2.16	68	6.66	1126	6.55	576	2.50	94	4.51	208	2.60	158	.60	44		10.6	.74	57
24	4.02	562	3.1						2.51	95	4.53	208	2.58	155					.74	57
25	4.05	564	2.19	72	6.69	1138	6.57	580	2.52	96	4.54	210	2.59	157					.72	54
26	4.07	568	2.20	74	6.70	1142	6.59	584	2.56	101	4.54	210	2.55	150	.60	44		13.2	.72	54
27	4.05	564	2.22	78	6.58	1094	6.53	572	2.57	103	4.54	210	2.57	154					.72	54
28	3.98	550	2.21	76	6.50	1062	6.47	560	2.50	94	4.53	208	2.54	149	.59	43		13.2	.76	60
29	3.91	536	2.18	71	6.44	943	6.40	546	2.49	92	4.53	208	2.52	146					.78	63
30	3.95	544	2.18	71	6.44	943	6.43	552	2.48	91	4.54	210	2.56	152	.65	50		15.4	.82	70
31					T	31,758			2.48	91	4.54	210	2.56	152						
					#	1059					1,541									

IWRB00003340

Aug 1986

	No. 60		No. 17		No 9		No X		No. Y		No Z		+ or -		No 21		No 93		
1	8.00	1390	1.99	157	1.41	68	1.82	363	3.05	179	.98	90	+	109	3.09	291	3.00	35	1
2	8.98	1385	1.98	155	1.39	66	1.82	363	3.05	179	.98	90	+	109	3.21	©310	3.00	35	2
3.			1.96	152	1.36	63	1.82	363	3.12	189	.98	90	+	99	3.14	297	3.00	35	3
4	8.96	1380	1.98	155	1.38	65	1.78	357	3.12	189	.98	90	+	93	3.19	307	3.07	37	4
5	8.54	1284	1.85	137	1.41	68	1.81	361	3.12	189	.98	90	+	97	3.10	289	3.13	38	5
6	8.54	1284	1.69	116	1.30	58	1.76	354	3.12	189	.99	92	+	88	3.08	283	3.10	37	6
7	8.54	1284	1.65	111	1.17	47	1.68	349	3.12	189	.98	90	+	85	2.88	248	3.08	37	7
8	8.54	1284	1.56	99	1.15	45	1.64	329	3.12	189	.97	89	+	66	2.57	195	3.06	36	8
9	8.54	1284	1.52	©101	1.15	©38	1.85	371	3.10	186	.96	88	+	112	2.51	186	3.07	37	9
10			1.66	114	1.16	38	1.86	378	3.10	186	.97	89	+	116	2.80	234	3.09	37	10
11	8.55	1286	1.45	86	1.17	39	1.91	385	3.05	179	.98	90	+	131	2.91	254	3.09	37	11
12	8.56	1288	1.65	112	1.18	40	1.87	375	3.05	179	.98	90	+	121	2.86	245	3.13	39	12
13	8.88	1362	1.57	102	1.38	55	1.84	368	3.05	179	.98	90	+	114	2.87	247	3.12	38	13
14	8.87	1360	1.55	99	1.21	49	1.86	373	3.05	179	.98	90	+	119	2.90	252	3.13	38	14
15	8.88	1362	1.68	116	1.25	44	1.90	383	3.05	179	.98	90	+	129	2.88	248	3.15	38	15
16	8.88	1362	1.44	85	1.25	44	1.92	387	3.05	179	.98	90	+	118	2.97	265	3.16	39	16
17	8.88	1362	1.80	132	1.25	44	1.92	387	3.05	179	.99	92	+	116	3.00	270	3.15	38	17
18	8.88	1362	1.73	128	1.26	45	1.94	392	3.05	179	.97	89	+	124	3.13	295	3.16	39	18
19	8.88	1362	1.69	118	1.21	42	1.92	387	3.05	179	.96	88	+	120	2.96	263	3.16	39	19
20	8.88	1362	1.70	119	1.22	42	1.97	©352	3.05	©172	.94	©78	+	102	2.94	259	3.16	©35	20
21	8.90	1367	1.71	120	1.23	43	1.75	303	3.05	172	.96	78	+	53	3.01	301	3.15	35	21
22	8.88	1362	1.75	125	1.26	45	1.84	324	3.00	165	.96	78	+	81	2.80	234	3.17	36	22
23	8.88	1362	1.85	138	1.24	44	1.94	348	3.00	165	.96	78	+	105	2.98	266	3.08	34	23
24	8.88	1362	1.95	152	1.31	49	1.95	349	3.00	165	.96	78	+	101	3.12	298	3.09	34	24
25	8.88	1362	1.86	140	1.32	50	1.80	315	3.00	165	.94	75	+	75	3.23	314	3.07	33	25
26	8.90	1367	1.78	129	1.30	48	1.73	298	3.00	165	.92	72	+	61	3.02	274	3.07	33	26
27	8.67	1391	1.85	138	1.32	49	1.70	291	3.00	165	.91	71	+	55	2.90	252	3.08	34	27
28	8.68	1316	1.70	119	1.25	44	1.65	279	3.00	165	.97	79	+	35	2.86	245	3.03	32	28
29	8.68	1316	1.67	115	1.24	42	1.62	272	3.00	165	.98	80	+	27	2.72	221	3.07	33	29
30	8.67	1311	1.79	130	1.19	40	1.67	284	3.00	165	.97	79	+	40	2.62	204	3.09	34	30
31	—	—	1.70	119	1.73	90	1.68	256	3.00								7802 — 1		31

+ 41459 41337

253 bbl.

LVRB00003341

Sept 1986

	No 14		No. 54		No. 53		No 56		No 10		No 11		M.J. B		Marley		F. Waste		S Waste	
1	3.99	552	2.24	.81	6.50	1062	6.48	562	2.48	91	4.55	213	2.58	155					.86	76
2	4.08	570	2.28	88	6.56	1086	6.55	576	2.55	98	4.56	215	2.60	158	.65	51	24.6		.82	70
3	4.10	574	2.32	96	6.58	1094	6.58	582	2.51	95	4.50	201	2.49	141					.62	39
4	4.06	566	2.31	94	6.62	1110	6.56	578	2.44	90	4.49	191	2.50	142	.63	48	18		.62	39
5	4.08	570	2.28	88	6.64	1119	6.59	584	2.42	97	4.49	191	2.47	138					.56	31
6	4.07	568	2.29	90	6.49	1058	6.54	574	2.41	86	4.50	193	2.48	139	.70	58	27.8		.52	26
7	4.00	554							2.39	84	4.40	178	2.40	126						
8	3.95	544	2.30	92	6.38	1014	6.43	552	2.40	85	4.40	178	2.36	120					.46	18
9	4.03	560	2.28	88	6.45	1042	6.50	566	2.41	86	4.41	174	2.40	126	.65	51	23.8		.42	15
10	4.12	578	2.33	98	6.49	1058	6.56	578	2.42	87	4.32	156	2.31	113					.26	3.3
11	4.07	568	2.33	98	6.47	1050	6.53	572	2.45	91	4.32	156	2.30	112	.67	53	23		.42	15
12	4.11	576	2.35	102	6.51	1066	6.57	580	2.47	94	4.25	143	2.30	112					.50	23
13	4.03	560	2.36	104	6.30	989	6.45	556	2.48	95	4.25	143	2.30	112	.64	49	19.6		.56	31
14									2.53	101	4.26	145	2.28	109						1
15	4.11	576	2.45	122	6.21	952	6.48	562	2.60	111	4.28	148	2.34	117					.56	31
16	4.13	580	2.50	134	6.23	958	6.49	564	2.69	124	4.27	147	2.22	101	.66	52	26.2		.58	33
17	3.59	478	2.50	134	6.35	1002	6.97	660	2.73	131	4.13	123	2.14	92					.60	36
18	3.53	464	2.51	137	6.04	901	6.78	629	2.77	138	4.12	122	2.12	89	.69	57	18.2		.64	42
19	3.44	445	2.53	142	5.80	836	6.61	588	2.77	138	4.14	125	2.26	106					.72	54
20	3.49	454	2.55	147	5.87	854	6.66	598	2.73	131	4.14	125	2.30	112	.72	61	19		.68	48
21									2.72	129	4.11	120	2.26	106						
22	3.53	462	2.58	155	5.90	862	6.69	604	2.73	131	4.11	120	2.27	108					.68	48
23	3.47	451	2.59	158	5.57	778	6.48	562	2.80	143	4.10	119	2.10	87	.68	55	19.6		.48	21
24	3.27	414	2.57	152	5.35	725	6.28	522	2.85	152	4.13	123	2.10	87					.48	21
25	3.35	428	2.55	147	5.40	737	6.34	534	2.91	164	4.13	123	2.10	87	.64	49	19		.48	21
26	3.42	441	2.54	154	5.40	737	6.38	542	2.84	158	4.13	123	2.06	82					.58	33
27	3.17	396	2.62	167	5.48	756	6.65	596	2.86	154	4.12	122	2.04	80	.65	51	23.8		.66	45
28									2.97	176	4.05	112	2.10	87					.64	42
29	3.38	4.34	2.70	191	5.58	780	6.74	614	3.02	186	3.96	101	2.11	88					.64	42
30	3.42	4.41	2.74	203	5.65	797	6.77	620	3.04	192	3.96	101	2.12	89	.69	57	18.2			
31					T	26079														
					4	9nb						4419								

Sept. 1986

	No 60		No 17		No 9		No X		No Y		No Z		+ or −		No 21		No 93		
1	8.70	1321	1.73	122	1.33	51	1.73	298	3.00	165	0.97	79	+	54	2.84	241	3.08	34	
2	8.70	1321	1.81	133	1.36	53	1.86	329	3.00	165	.97	79	+	85	3.14	297	3.00	32	
3	9.68	1316	1.84	137	1.39	56	1.90	339	2.95	158	.94	75	+	106	3.32	332	3.01	32	
4	8.70	1321	1.95	152	1.32	50	1.86	329	2.90	152	.94	75	+	102	3.31	330	3.02	32	
5	8.70	1321	2.02	162	1.37	54	1.90	339	2.85	145	.90	70	+	124	345	359	3.03	32	
6	8.47	1268	2.12	176	1.38	55	1.92	344	2.85	145	.90	70	+	129	3.50	369	3.05	33	
7	-		2.03	164	1.40	57	1.77	308	2.85	145	90	70	+	93	3.58	387	3.03	32	
8	8.47	1268	1.97	155	1.31	49	1.79	312	2.85	145	.90	70	+	97	3.46	361	2.93	30	
9	8.47	1268	2.00	159	1.38	55	2.02	316	2.75	132	.90	70	+	114	3.58	344	2.94	30	
10	8.48	1270	2.02	162	1.44	61	2.02	316	2.75	132	.85	63	+	131	3.72	418	2.98	31	
11	8.46	1265	2.34	207	1.46	62	1.90	339	2.75	132	.84	41	+	166	3.91	462	2.99	31	
12	8.47	1268	2.45	224	1.53	69	1.93	346	2.68	123	.81	58	+	165	3.98	479	2.91	30	
13	8.01	1164	2.55	239	1.60	76	1.88	334	2.68	123	.81	58	+	153	4.13	518	2.89	29	
14	8.01	1164	2.45	224	1.55	71	1.64	276	2.68	123	.81	58	+	95	4.20	537	2.88	28	
15	8.01	1164	2.46	225	1.57	73	1.74	300	2.65	119	.81	58	+	123	3.96	474	2.89	29	
16	8.01	1164	2.64	253	1.64	80	1.84	324	2.58	110	81	58	+	156	4.10	510	2.78	25	
17	7.94	1146	2.56	240	1.66	82	1.86	329	2.58	110	.81	58	+	161	4.31	568	2.68	25	
18	7.43	1040	2.31	203	1.68	84	1.77	308	2.58	110	.78	55	+	143	4.22	543	2.65	24	
19	7.45	1044	2.14	179	1.55	71	1.84	324	2.62	102	.76	53	+	169	4.12	515	2.62	24	
20	7.46	1046	2.40	216	1.61	77	1.80	315	2.46	95	.76	53	+	167	4.06	500	2.66	24	
21			2.49	228	1.65	81	1.83	322	2.46	95	.76	53	+	174	4.21	540	2.68	25	
22	7.46	1046	2.42	219	1.67	83	1.64	276	2.45	94	.76	53	+	119	4.23	545	2.67	25	
23	6.91	936	2.50	231	1.67	83	1.62	272	2.45	94	.75	52	+	126	4.17	529	2.68	25	
24	6.94	942	2.38	213	1.50	66	1.60	267	2.40	88	.71	48	+	131	4.19	534	2.67	25	
25	6.94	942	2.30	201	1.49	65	1.69	288	2.35	82	.70	47	+	159	4.04	495	2.65	24	
26	6.94	942	2.48	224	1.61	77	1.60	267	2.35	82	.69	46	+	154	4.08	505	2.68	25	
27	6.92	938	2.08	171	1.60	74	1.62	272	2.35	82	.70	47	+	158	4.18	534	2.62	24	
28			2.32	204	1.55	71	1.87	332	2.28	74	.67	44	+	229	4.05	497	2.65	24	
29	6.92	938	2.49	230	1.54	70	1.75	303	2.23	80	.67	44	+	194	4.29	563	2.67	25	
30	6.92	938	2.70	263	1.70	86	1.47	236	2.18	63	.54	34	+	154	4.31	568	2.31	23	
31															17.54	4624	Ave. day flow		

34,013 1097

WRB00003343

OCT 1986

	No 57		Re chg	No 21		No 11				Magic						
1	4.25	390	236													
2	4.21	384	214													
3.	4.20	383	213	4.13	518											
4	4.19	382	208													
5	4.22	386	212													
6	4.22	386	212	4.12	515											
7	4.23	387	213													
8	4.24	388	214													
9	4.25	390	212													
10	4.27	392	210													
11	2.83	211	44													
12																
13						4.20	125									
14																
15																
16	3.52	295	105													
17	2.70	196	224													
18	2.30	157	247													
19	2.33	161	243													
20	2.38	167	233			4.12	122									
21	2.41	170	268							9998	87287					
22	2.41	170	251													
23	2.44	174	243													
24	2.50	181	240	2.08	124											
25	2.50	181	240													
26	2.60	193	228													
27	2.60	193	228							9009	89767					
28	2.62	196	228													
29	2.67	202	222													
30	2.62	196	230													
31	2.63	197	224	4.02	489											
			5232				2409									

IWRB000003344

Nov. 1986

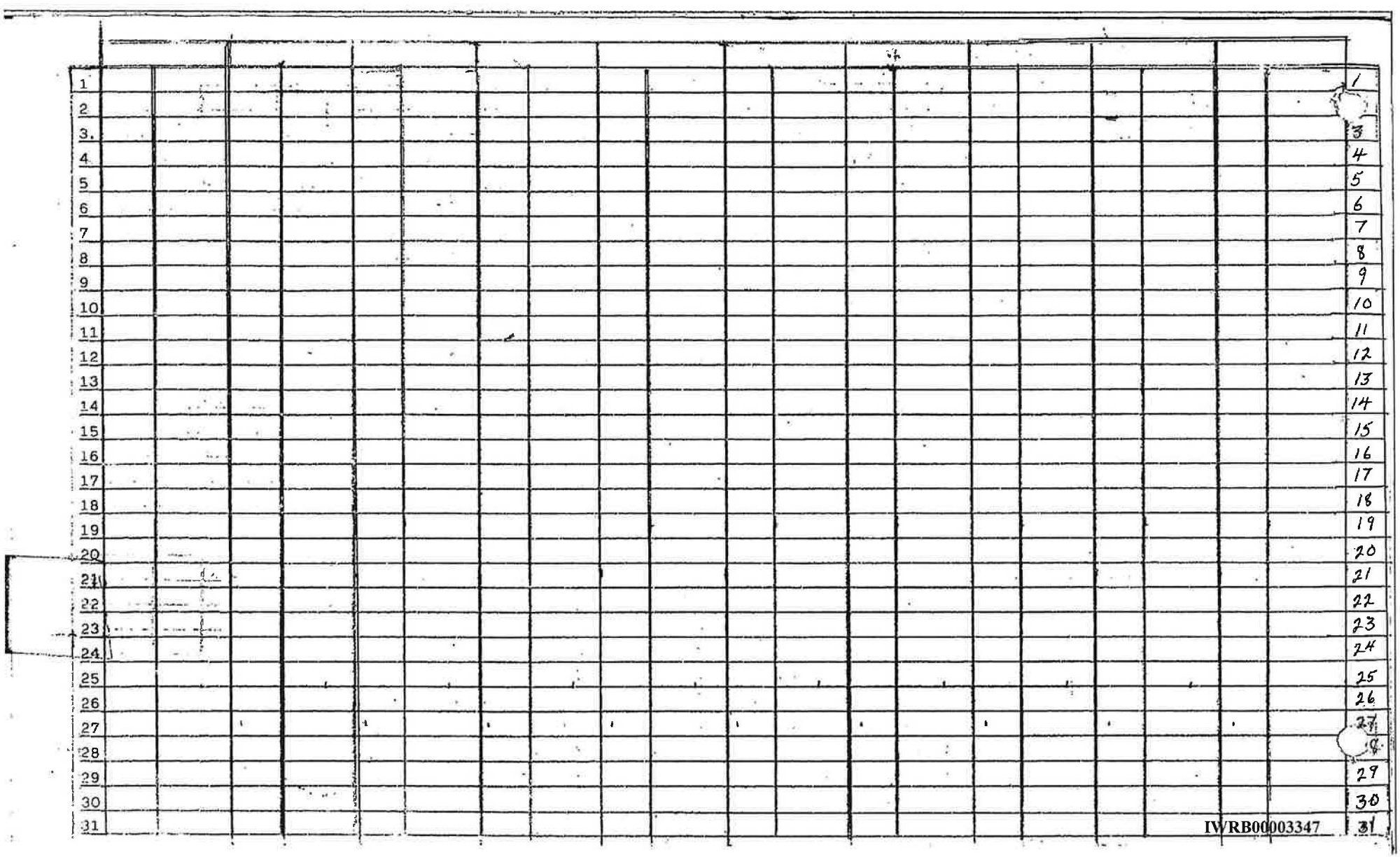
	No. 21		Magic		No 3		No 4		No 5		East		West		J.B.		No 17		#1	#2
1			9072	104,767																
2																				
3					3.22	2.02		Sho.												
4																				
5					391	500	452	300	1.55	201	160	153	113	57	Bal.					
6			9026	96,683					1.55	201										
7	3.89	458			3.89	453	3.96	200	1.79	250	2.40	254	1.30	62	.40	24				
8																				
9																				
10			901.6	91.367	—	off	—	—	—	—	—	off	—	—	—					
11																				
12																				
13	4.05	497															3.23	361		
14																			3.89 27	4.33 142
15																				
16																				
17																				
18																				
19																				
20																				
21	3.88	455																		
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

IWRB00003345

Dec 1986

	No 21		Magic		No 3	No 4	No 5	L	#1		#2					
1			9055	10@ 586					358	28	438	186				
2																
3.																
4																
5.																
6	3.48	365														
7																
8	3.10	287														
9																
10																
11																
12	2.68	202							3.49	19.5	4.21	152				
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																

IWRB00003346



IWRB00003347

Oct 1985

	Magic		No. 3		No. 4		No. 5		East		Weest		H.J.B		W-1	W-2	East Spill		No [redacted] S	
1	885.7	58,354	3.70	379	4.36	310	1.27	132	1.85	167	1.55	74	.32	18	10	5		13		0
2	885.5	57,968	3.70	379	4.35	309	1.27	132	1.80	161	1.55	74	.26	13	10	5		18		3
3.	885.2	57,391	3.70	379	4.15	277	1.43	154	1.88	171	1.57	75		0	10	5		19	.14	6
4	885.0	57,077	3.68	371	4.12	272	1.43	154	1.90	173	1.57	75		0	12	10		21	.34	23.
5																				
6																				
7	884.4	55,861		off																
8																				
9						171														
10				250																
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26	Total	230,796		1508		1168		572		672		298		31		25		71		32
27																				
28	Mean	46158		301		292		143		168		74		15		6		17		8
29																				
30														77						
31																				

WRB00003348

Sept. 1985

	Magic		No 3		No 4		No 5		East		West		H.J.B.		W-1	W-2	East Spill		No. 48	
1																				
2	8.888	64,407	4.50	811	6.01	590	1.84	257	2.61	262	2.42	131	.79	74	10	10		9	3.97	270
3	888.1	63,028	4.50	811	6.01	590	1.85	260	2.61	262	2.41	130	.79	74	10	10		11		
4	887.4	61,655	4.50	811	6.01	590	1.83	255	2.61	262	2.41	130	.79	74	12	10		11	3.92	262
5	886.7	60,290	4.48	799	6.02	592	1.80	248	2.61	262	2.41	130	.79	74	12	10		14		
6	886.0	58,931	4.48	799	5.99	587	1.79	245	2.60	261	2.40	129	.78	73	12	10		12	3.91	261
7	885.3	57,583	4.48	799	5.98	585	1.81	250	2.59	260	2.40	129	.78	73	12	12		17		
8																				
9	884.2	55,481	4.48	799	6.00	588	1.78	243	2.62	264	2.41	130	.81	78	12	12		17	3.79	243
10	883.8	54,723	4.36	722	5.77	547	1.73	231	2.50	248	2.35	125	.70	60	25	12		23		
11	883.7	54,534	4.20	675	5.53	504	1.63	207	2.36	229	2.30	120	.65	53	30	20		28	3.44	191
12	883.2	53,593	4.20	675	5.53	504	1.57	192	2.30	222	2.24	115	.63	50	22					
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—																		
16	—	—																		
17	4885.8	58,547																		
18																				
19																				
20	4886.3	59,513																		
21																				
22																				
23	887.0	60,873																		
24	887.2	61,263																		
25	887.0	60,870	3.74	396	4.00	272	1.22	116	1.80	161	1.50	78	.10	4						
26	886.7	60,290	3.78	413	4.30	304	1.39	140	1.70	149	.90	54	44	28						
27	886.7	60,290	3.50	301	3.46	173	1.29	121	1.22	92	.90	54		0	5	10				
28	886.4	59,707	3.70	379	4.65	357	1.03	83	1.87	170	1.62	77	.59	36	5	10		14		
29																				
30	885.9	58,740	3.70	379	4.62	352	1.12	95	1.87	170	1.60	76	.50	34						
31		Total		9469		7132		2943	376	3274		1472		786		126		156		
		Mean		631.26		475.46		196.2	37.6	218.26		98.13		56.07		9.69		14.18		27.8

IWRB00003349

Sept. 1985

	No 51		No 52		No 15		B-1		Main	L.S.		Krell		Dry		No 19		No 1		No 2		
1																				3.60	82	
2	2.18	113	4.16	217	3.39	346			2	3		5		0		1.25	204					2
3	2.18	113	4.22	224	3.40	348			7	9		6		3		1.29	215			3.93	114	3
4	2.24	122	4.26	228	3.46	353			7	9		10		4		1.23	199					4
5	2.26	125	4.22	224	3.26	317			4	9		12		5		1.20	191					5
6	2.20	116	4.20	222	3.26	317			5	7		10		4		1.24	202					6
7	2.30	132	4.14	215	3.26	317			6	8		10		5		1.97	454					7
8																						8
9	2.60	202	4.30	233	3.34	331			7	10		25		9		2.47	680					9
10	2.70	238	4.16	217	3.24	313			19	18		20		11		2.55	720					10
11	2.84	305	3.94	194	2.96	264			16	15		20		11		2.34	617	330	12.5	5.03	402	11
12	2.76	264	3.82	182	2.94	260			15	15		16		7		2.22	561					12
13	2.70	238	3.80	180	2.64	211			12	12		15		6		2.04	484					13
14	2.44	158	3.70	171	2.12	208			—	—						1.93	437					14
15																						15
16	2.44	158	3.58	161	2.92	257			10	7		17		10		1.81	417			4.46	217	16
17	2.58	195	3.40	147	2.92	257			10	9		17		10		1.77	401			4.41	203	17
18	2.56	189	3.36	144	2.92	257			11	8		20		9		1.81	417					18
19	2.56	189	3.36	144	2.90	253			11	9		15		8		1.75	393			4.40	201	19
20	2.52	178	3.00	124	2.92	257			11	9		14		7		1.72	381					20
21	2.56	189	3.00	124	2.90	253			11	9		12		6		1.69	370					21
22																						22
23	2.56	189	2.98	122	2.90	253			11	9		14		7		1.62	343					23
24	2.64	215	2.98	122	2.90	253			10	10		14		6		1.62	343			4.17	145	24
25	2.60	202	2.98	122	2.90	253			9	10		12		8		1.57	325					25
26	2.40	150	2.94	120	2.86	246			9	10		15		6		1.55	318			4.13	136	26
27	2.60	202	2.98	122	2.92	257			9	11		14		5		1.53	311					27
28	2.48	168	2.94	120	2.90	253			9	12		14		5		1.53	311					28
29																						29
30	2.80	284	2.70	111	2.96	264										1.52	308					30
31																						31

IWRB00003350

Aug. 1985

	No 14		No 54		No 53		No 56		No 10		No 11		M.J.B.		Marley		F Waste		S Waste	
1	4.63	514	2.23	100	6.77	1104	6.72	600	2.40	89	4.68	172	2.39	97	.64	64		14.8	.46	39
2	3.83	523	2.03	65	6.53	1012	6.50	552	2.34	81	4.70	176	2.33	81					.44	36
3	3.69	496	2.04	69	6.33	944	6.34	532	2.34	81	4.68	172	2.29	71	.74	81		13.2	.44	36
4									2.33	80	4.70	176	2.30	74						
5	3.65	488	1.98	59	6.30	934	6.31	526	2.34	81	4.64	164	2.20	108					.38	28
6	3.60	479	1.93	53	6.27	924	6.30	525	2.32	79	4.63	162	2.25	110	.70	74		1.8	.38	28
7	3.54	468	1.82	41	6.22	907	6.25	516	2.30	77	4.70	176	2.20	108					.36	26
8	3.49	458	1.75	34	6.19	898	6.20	507	2.29	76	4.70	176	2.30	113	.65	66		2.6	.44	36
9	3.56	471	1.84	43	6.36	955	6.36	536	2.23	69	4.73	183	2.38	120					.48	42
10	3.60	479	1.80	39	6.47	992	6.44	550	2.23	69	4.72	180	2.37	119	.60	58		7.4	.48	42
11									2.22	68	4.74	185	2.38	120						
12	3.60	479	1.82	41	6.50	1002	6.45	552	2.23	69	4.72	180	2.36	118					.48	42
13	3.62	483	1.95	44	6.46	989	6.44	550	2.22	68	4.70	196	2.34	117	.56	52		9.6	.50	45
14	3.60	479	1.78	37	6.45	985	6.40	543	2.21	67	4.84	208	2.64	153					.34	23
15	3.62	483	1.88	47	6.42	975	6.40	543	2.21	67	4.75	187	2.44	127	.44	36		17.6	.40	31
16	3.64	487	1.77	36	6.57	1028	6.49	559	2.15	62	4.80	198	2.60	147					.40	31
17	3.70	498	1.89	48	6.64	1054	6.55	570	2.16	63	4.80	198	2.60	147	.43	35		17.6	.48	42
18									2.17	64	4.80	198	2.61	149						
19	3.77	512	1.90	50	6.77	1064	6.66	589	2.16	63	4.78	193	2.58	144					.48	42
20	3.70	498	1.80	39	6.66	1062	6.58	575	2.21	67	4.79	196	2.60	147	.38	29		19.6	.48	42
21	3.70	498	1.83	42	6.64	1054	6.58	575	2.19	65	4.79	196	2.60	147					.48	42
22	3.67	492	1.76	34	6.64	1054	6.55	570	2.19	65	4.78	193	2.60	147	.34	25		12.9	.48	42
23	3.67	492	1.77	36	6.62	1047	6.55	570	2.18	64	4.78	193	2.59	146					.48	42
24	3.70	498	1.76	34	6.66	1062	6.59	577	2.18	64	4.78	193	2.60	147	.32	22		12.0	.50	45
25									2.11	58	4.77	191	2.62	150						
26	3.68	494	1.74	33	6.68	1069	6.58	575	2.10	57	4.74	185	2.58	144					.50	45
27	3.65	488	1.68	28	6.68	1069	6.56	571	2.15	62	4.79	191	2.62	150	.40	32		8.4	.48	42
28	3.69	496	1.74	33	6.68	1073	6.58	575	2.13	60	4.78	193	2.61	149					.44	36
29	3.69	496	1.74	33	6.69	1073	6.59	577	2.16	63	4.78	193	2.61	149	.38	29		9.6	.42	33
30	3.74	506	1.87	46	6.74	1092	6.64	586	2.16	63	4.78	193	2.60	147					.40	31
31	3.76	510	1.93	53	6.75	1096	6.65	588	2.17	64	4.77	191	2.57	143	.52	47		10.2		

T 27.585 Hrs 1021.

5766

IWRB000004351

Aug. 1985

	No 60		No 17		No 9		No x		No y		No z		+ or −		No 21		No 93		
1	9.14	1510	2.01	145	1.51	96	4.34	309	3.20	172	1.02	86	+	51	2.88	250	2.94	35	
2	8.66	1399	2.03	148	1.41	66	4.38	314	3.20	172	1.00	83	+	59	3.08	287	2.88	34	
3	8.67	1401	1.80	118	1.20	47	4.27	300	3.20	172	1.00	83	+	45	2.93	259	2.85	33	
4	8.67	1401	1.76	111	1.14	43	4.27	300	3.20	172	1.00	83	+	45	2.77	231	2.84	33	
5	8.68	1403	1.65	98	1.10	40	4.24	296	3.20	172	1.02	86	+	38	2.40	177	2.99	36	
6	8.64	1394	1.56	86	1.14	43	4.18	288	3.20	172	1.01	85	+	31	2.32	159	2.98	36	
7	8.66	1399	1.44	72	0.97	32	4.11	279	3.20	172	1.00	83	+	24	2.16	136	3.02	37	
8	8.84	1440	1.35	61	.86	25	3.98	262	3.20	172	1.00	83	+	7	1.93	107	3.00	37	
9	8.89	1452	1.18	42	1.07	38	4.02	267	3.20	172	1.00	83	+	12	1.66	75	3.08	39	
10	8.85	1442	1.34	60	1.15	44	3.98	262	3.20	172	1.00	83	+	7	1.68	77	3.10	39	
11	8.85	1442	1.37	63	1.05	37	4.01	266	3.50	172	1.02	86	+	8	1.80	91	3.10	39	
12	8.86	1445	1.27	51	1.10	40	4.09	276	3.20	172	1.03	88	+	16	1.93	107	3.08	39	
13	8.86	1445	1.29	55	1.27	53	4.14	283	3.19	170	1.03	88	+	25	2.08	125	3.09	39	
14	8.81	1433	1.27	51	1.12	42	4.14	283	3.19	170	1.03	88	+	25	2.06	123	3.08	39	
15	8.87	1447	1.15	39	.90	27	4.12	280	3.19	170	1.02	86	+	22	1.91	104	3.04	37	
16	9.11	1502	1.10	34	.90	27	4.06	272	3.19	170	1.02	86	+	16	1.62	76	3.09	39	
17	9.12	1505	1.18	42	1.09	40	4.04	270	3.19	170	1.03	88	+	12	1.56	54	3.10	39	
18	9.11	1502	1.28	53	1.15	44	4.04	270	3.23	176	1.03	88	+	2	1.62	70	3.10	39	
19	9.11	1502	1.22	46	1.23	49	4.08	275	3.23	176	1.05	91	+	8	1.71	80	3.08	39	
20	9.08	1495	1.18	42	1.20	47	4.08	275	3.23	176	1.05	91	+	8	1.75	85	3.08	39	
21	9.05	1488	1.17	41	1.10	40	4.06	272	3.23	176	1.05	91	+	5	1.77	87	3.08	39	
22	9.12	1505	1.20	44	1.07	38	4.04	270	3.23	176	1.04	89	+	5	1.73	83	3.09	39	
23	9.11	1502	1.19	43	1.00	33	4.10	274	3.25	179	1.03	88	+	11	1.64	72	3.08	39	
24	9.11	1426	1.22	46	1.10	40	4.11	279	3.25	179	1.03	88	+	12	1.67	76	3.09	39	
25	9.11	1426	1.23	47	1.18	46	4.16	286	3.25	179	1.02	86	+	21	1.80	90	3.08	39	
26	9.12	1429	1.20	44	1.15	44	4.17	287	3.25	179	1.02	86	+	22	1.98	113	3.08	39	
27	9.14	1433	1.14	38	1.12	42	4.21	292	3.24	178	1.02	86	+	28	2.03	119	3.08	39	
28	9.14	1433	1.10	34	1.07	38	4.07	274	3.24	178	1.02	86	+	10	1.92	105	3.08	39	
29	9.14	1433	1.14	38	1.03	35	4.02	267	3.24	178	1.06	92	−	3	1.85	97	3.05	38	
30	9.14	1433	1.19	40	1.05	37	4.05	271	3.24	178	1.08	95	−	2	1.59	63	3.12	40	
31	9.16	1438	1.27	51	1.14	43	3.98	262	3.24	178	1.10	98	−	10	1.62	70	3.13	40	

T44S91449

IWRB00003352

July 1985

	No 14		No 54		No 53		No 56		No 10		No 11		M.J.B.		Marley		F. waste		S waste	
1	3.93	520	2.13	74	6.61	1050	6.59	604	2.27	74	4.69	244	2.76	152					.50	43
2	3.95	523	2.22	90	6.61	1050	6.63	611	2.28	75	4.72	252	2.74	146	0.43	35		12.6	.54	49
3.	3.84	502	2.09	68	6.56	1031	6.54	595	2.26	72	4.73	255	2.74	146					.52	c 46
4	3.81	496	1.95	51	6.54	1024	6.50	588	2.26	72	4.74	258	2.72	140	0.45	38		11.2	.56	54
5	3.75	485	1.88	43	6.51	1012	6.45	579	2.20	66	4.73	255	2.70	134					.56	54
6	3.71	477	1.85	40	6.47	999	6.42	573	2.19	65	4.73	255	2.69	132	0.46	40		5.6	.56	54
7									2.17	65	4.76	263	2.70	134						
8	3.79	492	1.87	42	6.66	1069	6.53	593	2.16	63	4.75	261	2.68	128					.54	49
9	3.75	485	1.80	35	6.60	1047	6.47	582	2.20	66	4.76	263	2.62	113	0.49	43		6.0	.54	49
10	3.74	483	1.80	35	6.56	1031	6.47	582	2.22	68	4.77	266	2.60	107					.54	49
11	3.70	475	1.67	25	6.59	1043	6.45	579	2.25	71	4.85	288	2.70	134	.54	49		2.6	.36	26
12	3.79	492	1.87	42	6.62	1054	6.50	588	2.26	72	4.84	285	2.70	134					.46	39
13	3.92	498	1.96	52	6.65	1066	6.55	597	2.34	81	4.87	293	2.72	140	.52	47		12.6	.48	42
14									2.43	98	4.90	302	2.77	137						
15	3.85	504	1.93	48	6.68	1077	6.58	602	2.36	84	4.89	299	2.70	134					.46	39
16	3.83	500	1.92	47	6.68	1077	6.57	600	2.33	⊙ 79	4.89	⊙ 213	2.68	⊙ 149	0.42	25		12.6	.40	31
17	3.83	500	1.91	46	6.71	1088	6.57	600	2.30	76	4.90	215	2.70	155					.40	31
18	3.84	502	1.92	47	6.70	1085	6.57	600	2.27	72	4.90	215	2.70	155	0.44	37		15.4	.37	27
19	3.84	502	1.92	47	6.72	1092	6.58	602	2.23	68	4.91	217	2.69	149					.32	21
20	3.86	506	1.93	48	6.75	1104	6.59	604	2.18	63	4.84	201	2.70	155	0.46	40		14.8	.32	21
21									2.19	64	4.86	205	2.69	149						
22	3.97	528	2.20	86	6.82	1133	6.72	627	2.20	65	4.88	210	2.76	173					.24	13
23	4.03	540	2.20	86	6.83	1135	6.74	631	2.20	65	4.88	210	2.72	161	.65	66		15.4	.28	16
24	4.11	556	2.30	106	6.86	1147	6.80	642	2.30	76	4.90	215	2.72	161					.30	19
25	4.10	554	2.25	96	6.91	1166	6.82	646	2.27	72	4.78	187	2.52	105	.58	55		20.4	.48	42
26	3.96	526	2.10	70	6.73	1096	6.66	616	2.28	73	4.80	191	2.51	102					.50	45
27	3.84	502	2.04	62	6.58	1039	6.53	593	2.27	72	4.73	176	2.50	99	.56	52		18.2	.5	
28									2.23	68	4.74	178	2.52	105					.50	45
29	3.84	502	2.04	62	6.56	1024	6.53	593	2.19	64	4.73	176	2.51	102					.54	51
30	3.85	504	2.07	c 71	6.57	1035	6.55	597	2.28	73	4.76	183	2.53	107	.68	70		15.4	.54	51
31	4.02	c 652	2.36	c 127	6.73	⊙ 1088	6.73	⊙ 602	2.41	c 90	4.80	c 198	2.60	c 155					.58	52

T29899 A 1107

9229

WRB00003353

July 1985

	No 60		No 17		No 9		No X		No Y		No Z		r or -		No 21		No 93	
1	9.12	1505	1.70	111	1.43	105	4.55	337	3.42	210	1.09	96	+	46	2.88	250	3.10	48
2	9.12	1505	1.55	c 84	1.29	c 64	4.48	c 322	3.42	c 200	1.11	c 98	+	39	2.76	209	3.12	c 44
3	9.10	1500	1.58	88	1.30	65	4.39	310	3.42	200	1.10	97	+	28	2.60	202	3.13	44
4	9.09	1498	1.48	75	1.31	66	4.28	296	3.42	200	1.11	98	+	13	2.41	172	3.11	44
5	9.10	1500	1.34	57	1.24	60	4.40	312	3.42	200	1.12	100	+	27	2.01	116	3.08	43
6	9.13	1507	1.30	54	1.18	54	4.33	302	3.42	200	1.14	102	+	15	2.25	149	3.13	44
7			1.37	62	1.05	44	4.28	296	3.45	205	1.14	102	+	4	1.87	99	3.14	44
8	9.38	1567	1.35	20	1.15	52	4.30	298	3.45	205	1.14	102	+	6	1.84	96	3.12	44
9	9.38	1567	1.34	57	1.16	52	4.24	291	3.45	205	1.14	102	−	16	1.86	98	3.13	44
10	9.37	1565	1.24	47	1.13	50	4.24	291	3.45	205	1.15	104	−	18	1.74	84	3.10	41
11	9.38	1567	1.27	50	1.22	58	4.20	286	3.44	203	1.12	100	−	17	1.64	72	3.14	44
12	9.39	1570	1.18	41	1.05	44	4.14	278	3.45	205	1.14	102	−	27	1.68	78	3.12	44
13	9.38	1567	1.29	53	1.20	56	4.19	284	3.45	205	1.12	100	-	21	1.51	58	3.14	44
14			1.40	66	1.23	59	4.07	269	3.45	205	1.10	97	−	33	1.58	66	3.17	45
15	9.44	1582	1.36	61	1.21	57	4.24	291	3.40	197	1.12	100	−	6	1.60	68	3.12	44
16	9.42	1577	1.34	57	1.25	61	4.25	292	3.40	197	1.13	101	−	6	1.71	80	3.12	44
17	9.42	1577	1.30	54	1.24	60	4.24	291	3.38	194	1.15	104	−	7	1.80	91	3.12	44
18	9.44	1582	1.40	66	1.19	55	4.25	292	3.30	183	1.14	102	+	5	1.77	87	3.14	44
19	9.44	1582	1.44	71	1.19	55	4.19	284	3.30	183	1.14	102	-	1	1.84	96	3.14	44
20	9.43	1579	1.51	79	1.23	59	4.25	292	3.28	180	1.10	97	+	15	1.96	100	3.16	45
21			1.61	91	1.19	55	4.28	296	3.28	180	1.07	92	+	24	2.18	138	3.19	46
22	9.44	1582	1.53	81	1.22	58	4.47	321	3.24	175	1.08	94	+	52	2.25	149	3.14	44
23	9.45	1584	1.70	103	1.30	65	4.54	330	3.24	175	1.08	94	+	61	2.62	205	3.17	45
24	9.46	1586	1.84	121	1.35	70	4.76	373	3.24	175	1.06	90	+	8	2.76	229	3.20	46
25	9.48	1591	1.95	136	1.45	80	4.35	305	3.24	175	1.07	92	+	36	2.96	265	3.15	45
26	9.06	1491	1.89	128	1.49	84	4.38	309	3.24	175	1.06	90	+	44	2.83	241	3.14	44
27	9.08	1495	1.76	111	1.35	70	4.44	317	3.20	169	1.01	83	+	65	2.87	248	3.12	44
28			1.76	111	1.22	58	4.30	304	3.20	169	1.01	83	+	52	2.82	240	3.12	44
29	9.08	1495	1.69	102	1.25	61	4.19	c 289	3.20	c 172	1.01	c 85	+	32	2.62	205	3.10	43
30	9.09	1498	1.70	c 104	1.30	c 56	4.19	289	3.20	172	1.02	86	+	31	2.57	197	3.18	c 41
31	9.10	1500	1.98	141	1.39	64	4.34	309	3.20	172	1.03	88	+	49	2.52	189	3.07	38

T 1.6315 A 1494

IWRB00003354

Phone # 886-2760

June 1985

	No. 51		No. 52		No. 15		B-1 Main		Main L.S.		Krall		Dry		No. 19		No. 1		No. 2	
1	2.40	127	4.16	223	3.21	316									3.00	916				
2																	4.42	136	5.27	426
3	2.60	165	4.24	232	3.22	321	1.48	51	3	4		8		7	2.77	793				
4	2.58	135	4.16	[c]223	3.28	[c]344	1.50	[c]56	5	5		9		8	2.88	851				
5	2.40	[c]127	4.06	[c]214	3.25	339			6	5		6		7	2.85	835				
6	2.34	117	4.18	227	3.22	333			6	6		6		6	2.84	830	4.17	90	5.01	331
7	2.30	111	4.16	225	3.22	333			5	6		7		6	2.79	803				
8	2.38	124	4.20	229	3.21	331			6	7		6		5	3.42	1168				
9									4	7		6		5						
10	2.44	133	4.22	232	3.23	335			5	8		8		9	3.08	961				
11	2.44	133	4.22	232	3.24	337			6	8		7		8	2.97	[d]933	3.98	64	5.24	[d]499
12	2.46	137	4.23	233	3.18	326			6	8		6		7	2.96	927				
13	2.56	156	4.22	232	3.17	324			5	8		7		7	2.96	927				
14	2.52	147	4.20	229	3.16	322			4	8		8		7	2.94	916				
15	2.48	130	4.18	227	3.16	322			1	4		8		6	2.88	883				
16																				
17	2.40	127	4.14	224	3.09	310	1.44	50	3	6					2.85	867				
18	2.40	127	4.16	225	3.17	324			3	7		12		9	2.80	840	3.62	27	4.80	331
19	2.34	117	4.14	224	3.17	324			3	5		10		6	2.71	793				
20	2.32	114	4.12	221	3.26	340			2	3		10		7	2.70	788				
21	2.26	105	4.10	218	3.10	312	1.46		4	42		10		6	2.60	736				
22	2.20	97	4.08	216	3.28	344			4	5		10		7	2.43	651	3.43	17	4.60	266
23									2	3		6		5						
24	2.02	78	4.24	234	3.28	344			1	0		8		6	2.25	566				
25	2.10	86	4.18	227	3.34	355			4	3		6		4	2.17	530	3.40	16	4.20	158
26	2.30	111	4.28	239	3.37	360			4	4		6		6	2.12	508				
27	2.46	137	4.16	225	3.32	351			2	2		4		8	2.05	479	3.37	14.5	4.17	151
28	2.46	139	4.18	227	3.34	355			3	3		2		5	2.02	466				
29	2.42	130	4.16	225	3.30	348									1.98	450				
30																				
31																				

IWRB00003355

1-829-5295

May 1985

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		+ or -	No. 21		No. 93		
1	7.20	1092	183	128	220	206	360	2.15	264	141	.75	48	+42	5.22	880	2.52	27	
2	7.16	1084	2.02	154	2.25	2.16	3.32	181	2.64	141	.77	50	+40	3.76	430	2.56	28	
3.	7.16	1084	1.38	71	2.00	1.66	3.40	191	2.71	150	.78	51	+5	4.06	5.02	2.43	26	
4	7.66	1192	1.15	44	1.83	137	3.86	247	2.80	162	.93	68	+31	3.26	322	2.80	93	
5			2.06	159	2.83	390	4.06	271	2.80	162	.83	56	+ 47	3.04	280	3.20	44	
6	7.64	1188	2.23	183	3.25	587	4.01	265	2.86	170	.84	57	+ 53	5.00	797	3.00	35	
7	7.62	1183	1.88	134	3.00	462	3.93	254	2.90	176	.90	65	+ 28	5.68	1073	2.95	37	
8	8.18	1311	1.44	78	2.57	305	3.54	207	2.96	185	.94	69	- 32	5.10	834	3.10	41	
9	8.64	1417	1.19	48	2.31	230	3.19	166	2.98	187	.97	73	- 79	4.02	492	3.13	42	
10	8.64	1325	1.72	101	2.17	200	3.40	191	3.06	199	.96	72	- 107	3.55	382	3.34	48	
11	864	1325	1.86	132	2.07	180	4.25	296	3.06	199	.91	66	+ 46	3.48	367	3.30	47	
12			2.06	159	2.10	186	4.08	274	3.06	199	.88	62	+ 28	4.00	497	3.28	51	
13	8.60	1309	2.03	155	2.05	176	4.28	300	3.05	197	.88	62	+ 56	4.24	551	3.29	51	
14	8.60	1309	2.03	155	2.02	166	4.27	298	3.00	190	.90	65	+ 58	4.20	540	3.29	51	
15	8.60	1309	2.00	151	1.57	99	4.27	298	3.00	190	.98	75	+ 48	4.02	492	3.26	46	
16	8.60	1309	1.86	132	1.65	111	4.21	291	3.00	190	1.00	78	+ 38	3.38	346	3.20	44	
17	8.60	1309	1.98	148	1.70	118	4.33	306	2.95	183	.99	76	+ 62	3.48	368	3.22	45	
18	8.60	1309	2.00	151	1.65	111	4.31	304	2.92	179	99	76	+ 64	3.63	400	3.22	45	
19	8.60	1309	1.95	144	1.62	106	4.24	295	2.92	179	.99	76	+ 55	3.50	371	3.19	44	
20	8.60	1309	1.83	128	1.57	99	4.20	289	2.97	186	1.05	85	+ 33	3.39	348	3.19	44	
21	8.60	1309	1.81	125	1.61	105	4.27	298	3.00	190	1.03	82	+ 41	3.22	314	3.18	44	
22	8.60	1309	1.72	114	1.55	97	4.23	293	3.03	194	1.03	82	+ 32	3.36	342	3.08	41	
23	8.60	1309	1.64	103	1.49	90	4.24	295	3.03	194	1.03	82	+ 32	3.10	291	3.10	41	
24	8.60	1309	1.43	77	1.39	79	4.22	292	3.03	194	1.03	82	+ 16	2.94	261	3.04	40	
25	9.04 9.06	1419 1415	1.18	47	1.36	76	4.13	280	3.10	205	1.07	94	- 19	2.71	221	3.06	40	
26			1.30	61	1.53	94	4.47	324	3.12	208	1.07	94	+ 37	2.46	180	3.10	41	
27	9.10	1424	1.23	53	1.62	106	4.58	343	3.10	205	1.04	83	+ 70	2.98	168	3.09	41	
28	9.10	1424	1.25	55	1.70	118	4.52	331	3.10	205	1.07	94	+ 32	3.25	320	3.15	43	
29	9.10	1424	1.34	66	2.33	235	4.39	308	3.16	214	1.06	86	+ 23	3.34	328	3.22	45	
30	9.10	1424	1.55	92	2.07	180	4.37	312	3.24	227	1.07	94	+ 18	4.23	543	3.22	45	
31	9.08	1419	1.80	124	1.99	164	4.55	337	3.18	218	1.06	86	+ 52	4.01	489	3.27	46	

WRB00003356

May 1985

	Magic		No. 3		No. 4		No. 5		East		West		H.J.B.		W-1	W-2	East Spill		No. 48		
1	9346	189,936	3.90	491	2.06	20	2.35	510													1
2	9349	191,109	3.80	444	3.21	127	1.91	330	1.09	91	1.26	61	.16	7					2.72	146	2
3	9352	192,292	3.80	444	3.54	176	1.75	282	1.05	87	1.38	62	.72	12	5	7	0				3
4	935.4	193,084	4.56	880	4.22	278	2.52	611	1.62	155	1.70	78	.79	74	8	12	15		2.86	151	4
5																					5
6	935.3	192,688	5.52	1570	4.24	282	3.37	1192	1.64	158	1.70	78	.79	74	12	12	17		2.94	162	6
7	935.2	192,292	5.36	1450	4.22	278	3.32	1152	1.81	178	1.90	88	.60	46	12	10	7				7
8	935.1	191,896	5.12	1270	4.53	333	3.01	928	1.92	191	1.94	90	.85	84	10	12	6		2.93	160	8
9	935.1	191,896	5.04	1210	4.79	370	2.92	862	2.12	216	2.02	94	.89	90	10	10	0		3.22		9
10	935.1	191,896	4.98	1170	5.18	434	2.68	720	2.25	231	2.23	109	1.10	132	15	15	12		3.25	204	10
11	935.1	191,896	5.00	1190	5.19	436	2.67	713	2.25	231	2.23	109	1.14	141	25	15	17				11
12																					12
13	934.8	190,718	5.06	1230	5.20	437	2.66	706	2.24	231	2.22	108	1.12	136	25	15	14		3.34	218	13
14	934.8	190,718	4.42	793	5.19	436	1.88	320	2.24	231	2.22	108	1.12	136	20	20	10				14
15	934.8	190,718	4.42	793	5.20	437	1.83	299	2.24	231	2.22	108	1.12	136	15	20	15		3.24	203	15
16	934.9	191,109	4.42	793	5.20	437	1.86	314	2.24	231	2.22	108	1.12	136	10	20	9				16
17	934.9	191,109	4.44	805	5.22	441	1.88	320	2.35	246	2.24	110	1.06	124	10	19	6		3.18	223	17
18	935.0	191,500	4.44	805	5.20	504	1.85	255	2.36	230	2.25	116	1.06	124	10	19	11				18
19																					19
20	935.0	191,500	4.44	805	5.20	504	1.86	257	2.38	232	2.27	118	1.08	128	10	14	10		3.37	261	20
21	935.0	191,500	4.44	805	5.21	506	1.97	287	2.38	232	2.26	117	1.08	128	10	14	7				21
22	935.1	191,896	4.44	805	5.21	506	1.89	265	2.44	240	2.26	117	1.01	114	10	14	5		3.20	235	22
23	935.2	192,292	4.46	817	5.21	506	1.90	268	2.44	240	2.26	117	1.01	114	10	14	8				23
24	935.2	192,292	4.50	842	5.20	504	1.95	282	1.53	252	2.38	128	0.90	93	7	14	8		3.37	261	24
25	935.3	192,688	4.52	955	5.19	502	2.08	320	2.52	251	2.37	127	.90	93	8	15	12				25
26																					26
27	935.4	193,084	5.00	1190	5.20	504	2.63	555	2.56	256	2.44	133	.81	78	18	15	19		3.54	286	27
28	935.3	192,688	5.54	1590	5.28	578	3.21	928	2.62	264	2.47	136	.85	84	—	—	12				28
29	935.2	192,292	5.20	1330	5.22	507	2.85	699	2.72	277	2.50	139	.79	74	12	14	6		4.33	436	29
30	935.0	191,500	5.10	1260	5.30	522	2.67	589	2.57	257	2.40	129	.98	108	13	14	20				30
31	935.0	191,500	4.54	867	5.30	522	1.92	273	2.69	273	2.47	136	.86	86	14	14	16				31
			+469	+100	5.55	1.45	2.07	1.42	—		—		1.10	13.91							

IWRB00003367

April 1985

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		+ or −		No. 21		No. 93		
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15	3.17	372																	
16	5.16	589																	
17	5.13	683	3.45	376	4.82		2.73	96											
18	6.49	948	3.44	375	4.55		4.02	244											
19	6.48	946	3.29	349	3.65	712	4.00	241											
20																			
21																			
22	6.55	960	2.98	298	3.57	831	4.91	3.73											
23	6.56	962	2.87	280	4.43	-1512	4.60	318	2.25	77	.47	29					2.00	18	
24	6.53	956	2.33	197	3.68	-866	4.38	289	2.37	90	.47	29		+155	7.02	2019	1.96	17	
25	6.58	966	2.72	256	3.71	887	4.03	267	2.36	105	.52	29		+148	6.68	1707	1.99	17	
26	6.52	954	2.74	259	3.35	646	3.82	241	2.41	111	.55	31		+ 84	6.45	1527	2.20	21	
27	6.54	958	2.69	251	3.32	628	3.68	224	2.41	111	.58	34		+ 94	6.18	1377	2.18	21	
28			2.36	201	3.14	-532	4.18	287	2.46	118	.62	36		+148	6.05	1291			
29	6.56	962	2.20	179	3.10	-512	4.39	314	2.52	126	.62	36		+167	5.84	1159	2.55	28	
30	6.60	970	2.06	159	2.96	-442	3.90	251	2.62	136	.71	44		+ 86	5.76	1147	2.53	28	
31	7.19	1070																	

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IWRB00003358

April 1985

	Magic		No. 3		No. 4		No. 5		East		West		H.J.B.		W-1	W-2	East Spill		No 48	
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15	932.4	181,496	6.29	2250																
16	932.9	183,376																		
17	933.3	184,906	6.30	2220																
18	933.6	186,058	5.86	1900																
19	934.1	187,986	4.96	1150																
20	934.7	190,327																		
21	935.0	191,500																		
22	935.2	192,292	6.10	2040																
23	935.0	191,500	6.04	2030	2.18	68	4.92	1696												
24	934.9	191,109	5.40	1500	2.45	94	3.68	1264											2.09	94
25	934.8	190,718	5.40	1510	2.37	86	3.64	1238											2.06	165
26	934.7	190,327	4.92	1160	2.33	82	3.32	984											2.05	65
27	934.7	190,327	4.92	1160	2.38	87	3.33	1160												
28																				
29	934.5	189,546	4.92	1130	2.37	86	3.32	1152												
30	934.4	189,156	4.92	1130	2.37	86	3.31	1148											2.04	63
31																				

WRB00003359

1987

To

1988

IWRB00003360

APRIL 1987

	No 14		No 54		No 53		No 56		No 10		No 11		Mo. J.B.		Marley		E. Waste	S. Waste		
1																				
2																				
3																				
4																				
5																				
6			[illegible]	160	5.38		[illegible]													
7																				
8			2.20	94	3.25	265	4.68	279												
9			2.20	100	3.69	451	4.71	283												
10	2.54	374	2.21	102	3.82	467	4.81	297												
11	2.54	374																		
12									2.68	145	2.95	49								
13	2.56	378	2.19	98	3.85	528	4.81	295	2.68	145	2.95	49								
14	2.57	380	2.21	102	3.88	533	4.83	297	2.67	143	2.95	49					9.6			
15	2.77	416	2.18	96	4.51	654	5.19	350	2.64	138	2.95	49								
16	2.89	437	1.89	52	4.66	687	5.25	360	2.62	134	3.52	100					35.8			
17	2.84	428	1.61	21	4.89	740	5.40	386	2.57	126	3.41	88								
18	2.95	449	1.66	26	5.95	1003	637	562	2.50	115	320	68					0.8			
19									2.50	115	3.20	68								
20	2.91	441	1.72	32	585	977	6.29	546	2.52	118	3.20	68								
21	2.85	430	1.63	22	5.83	972	6.27	542	2.52	118	3.20	68					6			
22	2.79	418	1.63	23	5.74	949	6.20	529	2.48	112	3.20	68								
23	3.18	494	2.33	127	5.70	899	6.32	552	2.43	105	3.80	133	2.72	163			25.4	.58		
24	3.13	483	2.24	108	5.61	887	6.23	535	2.36	96	3.80	133	2.68	157				.68	74.7	
25	2.93	445	1.85	48	5.48	853	6.03	497	2.23	78	3.73	155[c]	2.14	84[c]			2.2	.60	61.5	
26									2.15	69	3.76	159	2.48	131						
27	2.95	449	1.80	42	5.81	936	6.26	541	2.14	68	3.76	159	248	131			.5	.44	37.7	27
28	2.96	451	1.89	52	5.73	915	6.20	529	2.17	71	3.88	176	2.58	147	.020	11	7.4			28
29	2.98	454	1.87	50	5.73	915	6.21	531	2.16	70	3.88	176	258	147			4.2	.64	1.8	
30	3.03	464	200	66	5.74	917	6.25	539	2.15	69	3.90	179	272	170	060	52	5.6	.49	45	
31					T	17803														
					A	742														

WRB00003361

APRIL 1987

	No 60		No 17		No 9		No X		No Y		No Z		+ or −		No 21		No 93		
1			1.40	101															
2			1.35	94															
3			1.35	94			1.15	199											
4			1.35	94			1.09	166											
5			1.24	80			1.10	168											
6			1.19	74			1.12	173											
7	3.23	380	1.13	ⓒ 67			1.07	161											
8	5.15	647	0.90	41			1.43	247											
9	5.28	710	1.54	119			1.91	383											
10	5.27	710	1.95	175	1.20	50	1.15	179											
11			1.90	168	1.18	48	1.20	191											
12			1.90	168	1.17	46	1.48	260											
13	5.28	710	1.91	169	1.20	51	1.48	2.60	2.30	82	.42	26	+	167	3.45	ⓒ 374			
14	5.82	814	2.31	226	1.34	ⓒ 64	.56	68	2.36	ⓒ 64	.48	29	+	29	3.46	376			
15	6.16	882	1.85	161	1.29	57	.76	90	2.42	71	.54	34		0	2.88	259			
16	6.42	934	2.36	234	1.50	91	.55	66	2.50	80	.58	36	−	35	2.79	242	2.17	21	
17	7.34	1122	2.06	190	1.26	53	.81	110	2.58	89	.63	41	−	05	2.96	274	2.11	20	
18	7.46	1148	1.90	168	1.44	80	.70	90	2.66	99	.68	45	−	39	2.76	236	2.06	19	
19	7.45	1146	2.67	192	1.30	58	.93	112	2.66	99	.68	45	−	17	2.33	161	2.12	20	
20	7.47	1150	2.06	190	1.35	66	.95	137	2.68	92	.68	45	−	7	2.68	223	2.11	20	
21	7.46	1148	2.05	189	1.08	33	.99	145	2.60	92	.74	50	+	18	2.75	234	2.11	20	
22	7.46	1148	1.38	94	1.22	48	1.19	189	2.60	92	.77	53	+	32	2.34	162	1.93	16	
23	7.48	1153	1.12	66	1.16	40	1.25	202	2.60	92	.80	56	+	69	2.27 ⓒ	150	2.14	20	
24	7.45	1146	1.64	132	1.38	70	1.00	147	2.66	99	.86	64	−	1	2.21	141	1.76	23	
25	7.45	1146	1.21	77	1.34	64	1.10	168	2.70	104	.88	67	+	12	2.40	170	2.66	31	
26			1.22	24	1.23	49	1.10	168	2.70	104	.90	70	+	9	2.08	122	2.52	28	
27	7.89	1245	1.41	11	1.29	57	1.14	177	2.70	104	.90	70	+	18	1.30	27	2.68	31	
28	7.89	1245	1.47	11.4	1.42	77	1.22	196	2.70	104	.94	76	+	31	1.72	70	2.86	36	
29	7.90	1247	1.40	8.	1.32	61	1.62	298	2.75	110	.94	76	+	127	2.00	106	2.78	34	
30	7.91	1249	1.37	7.4	1.19	44	1.85	3.47	2.75	110	.96	79	+	173	2.41	166	2.75	33	
31		24822 965																	

WRB00003362

May 1987

	No 14		No 54		No 53		No 56		No 10		No 11		Mc T.B		Marley		F	Waste	S Waste	
1	3.21	498	2.36	134	5.78	928	6.38	563	2.29	85	3.98	192	2.86	196			6¼	10.4	.28	17
2	3.50	556	2.55	188	6.05	998	6.63	613	2.33	90	3.98	192	2.86	196	.68	64	"	12.9	.16	7.6
3									2.35	92	3.98	192	2.86	196						
4	3.57	570	2.54	185	6.23	1046	6.75	648	2.37	95	3.99	193	2.88	200				12.0	.50	46
5	3.56	568	2.48	167	6.19	1039	6.73	635	2.36	94	3.99	193	2.87	198	.59	43		15.4	.48	
6	3.41	538	2.43	152	6.03	995	6.59	605	2.29	85	3.96	188	2.78	181	.43	30		13.6	.38	
7	3.25	506	2.30	120	5.93	967	6.46	579	2.26	81	3.95	186	2.76	177	.44	32		16.2	.29	18.6
8	3.24	504	2.31	122	5.80	933	6.38	563	2.22	77	3.94	185	2.68	163	.47	35		10.2	.24	
9	3.12	481	2.16	92	5.76	923	6.35	558	2.16	70	3.94	185	2.64	157	.40	29		8.4	.16	8
10									2.22	77	3.95	186	2.71	168				6	.18	8
11	3.14	485	2.25	110	5.70	907	6.34	556	2.20	75	3.95	186	2.70	167				6	.23	13
12	2.99	456	2.07	76	5.50	858	6.18	525	2.24	79	4.06	204	2.67	162	.36	23		10.2	.28	12
13	3.03	464	2.10	81	5.63	889	6.23	535	2.25	80	4.08	207	2.81	186	.42	29	4¾	6.5	.29	18.6
14	3.16	488	2.13	ⓒ 86	5.83	941	6.42	571	2.20	ⓒ 69	4.08	ⓒ 193	2.71	ⓒ 179	.46	ⓒ 40		4.6	.20	10.2
15	3.12	481	2.08	78	5.87	951	6.41	569	2.20	69	4.19	210	2.74	185	.49	44	7½	12.4	.16	7.6
16	3.12	481	2.10	81	5.87	951	6.43	573	2.21	70	4.18	209	2.63	165	.45	40		9.6	.35	26
17									2.35	86	4.24	218	3.01	236					.40	
18	3.38	531	2.47	164	5.96	975	6.59	605	2.57	116	4.26	222	2.87	209	.54	51		15.5	.29	18.6
19	3.55	ⓒ 485	2.59	200	6.00	ⓒ 962	6.68	ⓒ 640	2.64	126	4.26	222	2.83	202	.57	55		17	.31	20
20	3.49	477	2.60	203	6.10	988	6.73	651	2.60	120	4.26	222	2.86	207	.54	51		16	.31	20
21	3.35	447	2.55	192	5.72	889	6.44	589	2.56	114	4.20	212	2.84	204	.59	58		19	.31	20
22	3.30	437	2.51	176	5.60	860	6.34	569	2.57	115	4.20	212	2.79	192	.34	26		20	.24	13
23	3.26	430	2.49	170	5.65	872	6.36	573	2.54	111	4.14	202	2.74	185	.46	40		16	.24	13
24									2.44	98	4.13	199	2.78	192						
25	3.24	427	2.49	170	5.62	865	6.33	567	2.46	100	4.14	202	2.76	188	.53	49		20	.24	13
26	3.32	441	2.54	185	5.69	882	6.42	585	2.46	100	4.07	191	2.84	204	.55	52		14	.24	13
27	3.39	454	2.54	185	5.75	897	6.43	587	2.51	107	4.04	186	2.48	141	.50	45		15	.26	15
28	3.24	427	2.43	152	5.72	889	6.39	579	2.65	128	4.06	190	2.50	144	.49	45		17½	.28	18
29	3.29	434	2.43	152	5.68	880	6.36	573	2.65	128	3.95	173	2.06	83	.39	32		10	.28	18
30	3.12	405	2.21	102	5.67	877	6.27	556	2.65	128	3.95	173	2.04	81	.42	35		13	.34	25
31					T 5.67 A	27901 930			2.66	129	3.96	174	2.03	80						

IVRR0003363

May 1986

	No 60		No 17		No 9		No X		No Y		No Z		+ or -		No 21		No 93	
1	7.90	1247	.37	7	1.44	80	204	437	2.75	110	.90	70	+	272	2.59	198	2.82	35
2	8.25	1327	.80	32	1.38	70	1.87	371	2.70	104	.87	66	+	216	3.10	295	2.90	37
3	8.23	1323	1.05	56	1.44	80	1.97	383	2.70	104	.87	66	+	228	—	—	2.90	37
4	8.23	1323	1.12	66	1.50	91	1.94	374	2.70	104	.87	66	+	219	3.39	355	2.92	37
5	8.21	1321	1.00	51	1.57	104	1.90	380	2.70	104	.88	67	+	224	3.51	371	2.92	37
6	8.03	1277	0.97	48	1.54	98	1.86	350	2.76	©150	.89	©76	+	184	3.53	374	2.90	37
7	8.03	1277	.58	15	1.30	58	1.67	311	2.80	155	.92	80	+	91	3.38	353	2.83	35
8	8.02	1275	.53	14	1.28	56	1.63	300	2.95	176	.98	91	+	48	2.72	221	2.80	34
9	8.05	©1286	.52	14	1.23	49	1.66	308	2.95	176	.96	87	+	60	2.25	143	2.82	35
10			.40	8	1.16	40	1.62	298	2.90	169	.95	85	+	59	2.19	134	2.72	32
11	8.04	1284	.38	8	1.16	40	1.61	295	2.90	169	.99	93	+	48	2.16	129	2.79	34
12	8.04	1284	.30	©15	1.09	©32	1.56	©279	2.95	176	.98	91	+	27	2.06	115	2.79	©33
13	8.39	1364	.16	8.4	1.09	32	1.61	292	2.95	176	.98	91	+	40	1.68	66	2.66	30
14	8.33	1351	.18	9.4	1.21	43	1.70	317	3.00	183	.99	93	+	56	1.58	55	2.89	35
15	8.33	©1340	.16	8.4	1.22	44	1.66	306	3.00	183	1.03	101	+	37	2.04	112	2.83	34
16	8.32	1339	.16	8.4	1.27	50	1.66	306	3.00	183	1.00	95	+	43	2.01	108	2.84	34
17			.32	16	1.45	77	1.71	320	2.96	178	.98	91	+	16	2.05	113	2.85	34
18	8.35	1346	.65	41	1.50	85	1.73	326	2.90	169	.94	83	+	89	2.57	194	3.00	38
19	8.35	1346	1.02	84	1.50	85	1.74	329	2.85	162	.91	79	+	103	2.96	267	2.92	36
20	7.89	1240	1.01	83	1.50	85	1.77	338	2.85	162	.91	79	+	97	3.12	299	2.92	36
21	7.91	1245	.97	78	1.45	77	1.84	354	2.83	159	.89	76	+	139	3.28	332	2.91	36
22	7.87	1235	.85	63	1.46	78	1.85	362	2.83	159	.90	77	+	141	3.26	328	2.90	35
23	7.84	1229	.75	57	1.38	66	1.87	368	2.83	159	.94	84	+	110	3.14	304	2.86	34
24			.75	51	1.37	64	1.93	386	2.85	162	.94	84	+	155	3.10	295	2.85	34
25	7.88	1238	.68	44	1.42	72	1.91	380	2.85	162	.94	84	+	150	3.04	283	2.86	34
26	7.90	1242	.93	73	1.50	85	2.02	401	2.85	162	.95	85	+	169	3.09	293	2.88	35
27	7.91	1245	.97	78	1.53	91	2.20	467	2.86	164	.92	80	+	238	3.48	372	2.90	35
28	7.92	1247	.86	65	1.48	82	2.09	434	2.80	155	.87	73	+	221	3.70	421	2.87	35
29	7.85	1231	.94	74	1.47	80	1.83	356	2.80	155	.87	73	+	143	3.50	376	2.89	35
30	7.87	1235	.97	78	1.45	77	1.78	341	2.85	162	.91	79			3.31	338	2.88	35
31			1.01	83	1.44	75	1.79	344	2.90	169	.92	80	+	110	3.08	291	2.88	35

36,551 A1285

IWRB00003364

June 1987

	No. 14		No. 54		No. 53		No. 56		No. 10		No. 11		Ma. J.B.		Marley		F	Waste	S. Waste	
1	3.12	405	2.10	81	5.70	884	6.28	558	2.65	128	3.97	176	2.05	82	40	33		5.5	.32	22
2	3.05	392	2.13	86	5.63	868	6.21	544	2.60	120	3.96	174	2.00	76	.45	40		7.8	.30	19
3.	2.98	380	2.04	71	5.62	865	6.19	541	2.54	111	3.95	173	2.00	76	.41	34		4.0	.32	22
4	2.95	374	1.94	58.	5.64	870	6.18	539	2.38	87	4.02 3.94	183 172	1.92	67	.41	34		7.4	.32	22
5	2.88	362	1.78	39	5.88	930	6.32	565	2.31	81	4.02	183	2.14	93	.44	38		.8	-20	10
6	2.95	374	1.81	43	5.97	954	6.43	587	2.23	72	4.06	190	2.36	122	.40	33		4.6	.24	14
7									2.25	75	4.13	201	2.36	122						
8	3.30	437	2.12	84	6.05	975	6.46	593	2.43	96	4.18	209	2.46	138	.46	40		15	.24	14
9	3.39	454	2.02	82	6.06	977	6.50	601	2.54	111	4.18	209	2.40	128	.43	37		19.4	.17	8
10	3.45	466	1.98	63	6.06	977	6.53	607	2.52	108	4.12	199	2.44	134	48	43		16	.12	6
11	3.45	466	1.90	54	5.97	954	6.47	595	2.53	110	4.10	196	2.28	110	48	43		19	.18	9
12	3.19	418	2.23	106	5.62	865	6.19	541	2.51	107	4.02	183	2.26	108	.50	46		14	.18	9
13	3.14	409	2.17	94	5.59	858	6.15	533	2.49	104	4.02	183	2.28	110	.49	44		14	.10	3
14									2.47	101	4.02	183	2.30	113				4		
15	3.10	401	2.14	84	5.44	872	6.04	512	2.46	100	4.02	183	2.28	110	.48	43			.08	2
16	2.97	385 (10)	1.98 (C)	64	5.34 (C)	834	5.90 (C)	480	2.42 (C)	96	4.13 (C)	165	2.44 (C)	133	.43 (C)	40		6	0	
17	3.09	405	2.04	71	5.63	904	6.12	522	2.41	95	4.22	177	2.64	165	42	38		7	.11	4
18	3.36	454	2.13	86	5.70	923	6.09	516	2.40	94	4.30	193	2.65	167	.38	33		10	.22	12
19	3.36	454	2.10	81	5.78	943	6.13	524	2.40	94	4.32	196	2.63	163	40	35		7	.22	12
20	3.42	466	2.03	70	5.88	969	6.20	537	2.35	87	4.34	199	2.58	155	.37	32		10	.24	14
21		477							2.38	91	4.35	201	2.61	160					.18	
22	3.48	468	2.05	73	5.99	998	6.25	547	2.43	98	4.36	202	2.62	162	43	40		8	.15	7
23	3.39	460	2.00	66	6.00	1001	6.26	548	2.27	78	4.33	198	2.59	157	.37	32		4	.07	5
24	3.28	439	1.80	42	6.00	1001	6.25	547	2.23	74	4.38	206	2.70	175	.60	63		1	.11	4
25	3.37	456	1.89	52.	6.14	1038	6.34	563	2.22	72.	4.49	223	2.70	175.	.36	29.		9	.11	4
26	3.40	462	1.87	50	6.20	1054	6.40	575	2.19	69	4.49	223	2.68	172	.37	32		6	.33	23
27	3.40	462	1.85	48	6.20	1054	6.40	575	2.23	74	4.51	226	2.69	174	.42	38		9	.33 .07	23
28									2.23	74	4.52	228	2.68	172						
29	3.38	458	1.90	54	6.24	1066	6.40	575	2.22	72	4.52	228	2.67	170	.40	35		6	.34	
30	3.40	462	1.80	42	6.30	1083	6.48	591	2.13	65	4.49	223	2.64	165	.32	26		5.6	.30 .28	.18
31					T	29,312														
					A	979														

IWRB00003365

June 1987

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		+ or −	No. 21		No. 93	
1	7.92	1252	1.00	81	1.44	75	1.80	347	2.90	169	.91	79	+ 114	3.00	275	2.88	35
2	7.88	1242	0.83	61	1.37	64	1.74	329	2.90	169	.95	85	+ 94	2.96	266	2.85	34
3	7.88	1242	.74	50	1.32	57	1.95	380	2.95	176	.91	79	+ 140	2.80	224	2.85	34
4	7.92	1252	.73	49	1.35	61	1.98	401	2.95	176	.93	82	+ 158	2.92	247	2.83	34
5	8.27 8.30	1334	.30	15	1.30	54	1.94	387	2.95	176	.98	91	+ 125	2.88	240	2.72	31
6	8.32	1348	.36	18	1.40	69	1.90	377	3.00	183	.98	91	+ 118	2.30	141	2.74	32
7	8.29	1332	.82	60	1.35	61	1.85	362	3.05	190	.96	87	+ 100	2.52	176	2.80	33
8	8.29	1332	.98	79	1.64	118	2.12	443	3.00	183	.96	87	+ 188	2.54	179	2.86	34
9	8.29	1332	1.18	104	1.60	104	2.02	413	3.02	186	.91	79	+ 163	3.58	380	2.88	35
10	8.31	1337	1.40	132	1.58	100	2.00	407	2.96	178	.91	79	+ 165	3.56	376	2.94	36
11	7.83	1226	1.47	143	1.60	104	1.95	380	3.00	183	.94	84	+ 128	3.57	395	2.94	36
12	7.85	1231	1.34	125	1.39	67	1.87	368	3.00	183	.94	84	+ 116	3.53	371	2.94	36
13	7.86	1238	.60	36	1.27	50	1.73	326	3.00	183	.95	85	÷ 73	3.02	261	2.82	33
14	7.86	1233	.49	35	1.20	42	1.41	350	3.05	190	.99	93	+ 62	2.45	164	2.88	35
15	7.87	1235	.42	21	1.12	34	1.98	410	3.10	197	.99	93	+ 135	2.30	141	2.81	33
16	7.90	1242	.37	19	.97	25	1.92	383	3.20	213	1.01	97	− 84	2.39	155	2.80	33
17	8.32	1339	.26	⑤ 11	.66	⑤ 9	1.77	⑤ 338	3.30	⑤ 237	1.02	⑤ 99	+ 115	2.18	123	2.70	34
18	8.34	1344	.70	41	.77	15	1.87	368	3.30	237	1.02	99	÷ 47	1.63	54	2.98	41
19	8.52	1385	.46	21	.88	20	1.88	371	3.26	199	1.02	99	+ 88	1.97	94	2.85	38
20	8.54	1394	.47	24	.85	18	1.83	356	3.26	199	1.02	99	+ 73	2.04	104	2.93	40
21	8.16	1440	.48	22	.84	18	1.91	380	3.26	199	1.03	101	+ 80	2.47	167	2.92	40
22	8.80	1449	.55	28	.92	23	1.91	380	3.26	199	.99	93	+ 82	2.10	117	2.95	41
23	8.72	1447	.56	28	.84	18	1.99	404	3.26	199	1.01	97	+ 123	2.34	147	2.97	41
24	8.78	1445	.49	23	.87	20	1.93	386	3.26	199	1.00	95	+ 107	2.20	126	2.89	39
25	9.09	1522	.40	17	.77	15	1.88	371	3.26	199	.94	84	+ 103	1.78	70	2.88	39
26	9.10	1519	.40	17	.98	26	1.85	362	3.26	199	1.00	95	+ 83	1.91	86	2.92	40
27	9.09	1479	.46	20	1.13	50	1.80	347	3.32	230	1.01	97	+ 35	9.08	110	2.90	39
28			.35	15	1.05	29	1.62	284	3.35	213	0.99	93	− 7	1.69	60	2.90	39
29	9.24 9.26	1514	.43	19	1.06	30	1.72	311	3.35	213	.98	91	+ 27	1.38	32	2.90	39
30	9.26	1519	.34	15	1.03	28	1.84	347	3.35	213	1.06	107	+ 42	1.51	42	2.85	38
31	T 40,678 A 1356																

WRB00003366

July 1987

	No 14		No 54		No 53		No 56		No 10		No 11		Mo. J.B.		Marley		F. Waste	S Waste	
1	3.32	447	1.65	.25	6.28	1077	6.45	585	2.16	66	4.55	233	2.72	179	.27	21		4.2	.30 .32 .30	20 21 20
2	3.37	456	1.70	30	6.35	1097	6.60	595	2.21	71	4.56	234	2.70	175	.33	27		6.8		
3	3.42	466	1.79	40	6.29	1080	6.46	587	2.24	75	4.58	238	2.70	175				6	.33	23
4	3.41	464	1.84	46	6.30	1083	6.46	587	2.22	72	4.56	234	2.65	167	0.40	35		3.4		
5									2.26	77	4.62	2.44	2.72	169						
6	3.43	468	1.85	48	6.33	1091	6.44	583	2.24	75	4.61	242	2.64	172	.41	37		5	.24	17
7	3.40	462	1.80	51	6.30	1083	6.45	585	2.21	71	4.60	241	2.66	168	.38	33		1	.29	18
8	3.37	456	1.80	51	6.32	1088	6.42	579	2.10	61	4.58	238	2.69	174	.40	35		2.5	.28	17
9	3.33	449	1.78	39	6.31	1086	6.45	589	2.11	62	4.57	236	2.65	167	.38	33		2	.28	17
10	3.30	443	1.61	21	6.34	1094	6.41	577	2.13	65	4.61	242	2.68	172	.38	33		1	.28	17
11	3.49	479	1.77	38	6.35	1097	6.34	563	2.18	68	4.65	249	2.72	179	.42	38		5	.48	44
12									2.20	70	4.67	252	2.71	177						
13	3.58	496	1.83	45	6.40	1111	6.39	573	2.23	73	4.66	250	2.66	168	.38	33		6	.50	46
14	3.66	512	1.84	41	6.39	1108	6.32	560	2.22	72	4.65	249	2.66	168	.37	31		11	.56	55
15	3.63	506	1.79	40	6.30	1093	6.27	550	2.16	66	4.60	241	2.67	170	.35	29		15	.58	64
16	3.57	©488	1.90	©50	6.23	©1041	6.24	©544	2.14	64	4.65	249	2.74	183	.42	38		10	.46	36
17	3.62	498	1.95	56	6.24	1044	6.28	557	2.12	63	4.65	249	2.84	209	.48	45		16	.38	25
18	3.87	548	2.43	144	6.44	1100	6.55	597	2.16	©63	4.64	©218	2.98	228					.38	25
19									2.27	80	4.55	204	2.98	228						
20	4.20	615	2.43	144	6.58	1139	6.58	603	2.31	84	4.55	204	2.94	221	.51	49		15	.28	14
21	4.10	596	2.43	144	6.44	1100	6.35	563	2.37	90	4.56	206	2.96	224	.51	49		19	.28	14
22	4.05	585	2.47	155	6.27	1052	6.39	573	2.39	92	4.41	182	2.88	209	.54	54		12	.40	28
23	3.92	558	2.32	118	6.29	1055	6.33	562	2.39	92	4.40	180	2.79	192	.44	40		8	.37	25
24	3.64	502	2.11	78	5.95	967	6.10	518	2.38	91	4.39	179	2.64	165	.38	33		2	.38	25
25	3.30	408	1.95	56	5.76	917	5.98	495	2.30	88	4.44	186	2.61	160	.38	33		1.2	.29	16
26									2.24	75	4.52	199	2.64	165						
27	3.23	425	1.81	38	5.75	915	5.95	489	2.20	70	4.51	198	2.63	162	.36	30		4.2	.26	13
28	3.18	416	1.80	38	5.69	899	5.90	480	2.19	69	4.54	202	2.72	179	.46	43		5.2	.32	18
29	3.33	443	2.03	66	5.73	910	6.00	499	2.21	71	4.56	206	2.78	190	.43	40		5.4	.37	11
30	3.28	451	2.00	62	5.91	956	6.10	518	2.22	72	4.56	206	2.74	183	.43	40		3.4	.41	6
31	3.43	462	1.96	57	6.00	980	6.13	524	2.20	72	4.61	214	2.74	183	.43	40		5.2		

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July 1987

	No. 60		No. 17		No. 9		No. X		No. Y		No. Z		+ or -		No. 21		No. 93		No. 17 X	
1	9.25	1517	.34	15	1.00	27	1.81	350	3.35	213	1.04	103	+	22	1.66	57	284	38		
2	9.25	1517	.38	16	1.19	40	1.73	314	3.35	213	1.05	105	−	4	1.66	57	303	43		
3.	9.23	1426	.29	12	1.15	36	1.74	329	3.35	213	1.06	107	+	9	1.72	63	3.00	42		
4	9.25	1431	.32	14	1.16	37	1.80	347	3.35	213	1.05	105	+	29	1.65	56	3.01	42		
5	9.25	1431	43	19	1.15	36	1.74	329	3.35	213	1.07	109	+	7	1.91	74	3.02	43		
6	9.25	1431	.35	15	1.10	32	1.73	326	3.30	205	1.03	101	+	8	1.94	90	2.98	41		
7	9.26	1433	.35	15	1.13	35	1.72	323	3.30	205	1.02	99	+	19	1.84	77	2.99	42	4.08	
8	926	1433	.35	15	1.17	38	1.72	323	3.30	205	1.02	99	+	19	1.75	67	2.96	41	4.10	
9	9.26	1433	.30	13	1.17	38	1.74	329	3.30	205	1.03	101	+	8	1.77	70	2.94	40	4.10	
10	9.27	1436	.25	11	1.18	39	1.75	332	3.30	205	1.03	101	+	11	1.76	68	2.95	41	4.10	
11	9.25	1431	.45	20	1.20	42	1.84	359	3.30	205	1.02	99	+	40	1.87	81	3.02	43	4.18	
12			.67	38	1.30	54	1.81	350	2.30	205	1.03	101	+	44	2.08	109	3.07	44	4.20	
13	9.26	1433	.70	41	1.28	51	1.82	353	3.30	205	1.03	101	+	47	2.32	104	3.00	42	4.20	
14	9.26	1433	.85	69	1.34	60	1.80	347	3.30	205	1.04	103	+	39	2.37	152	3.02	43	4.20	
15	9.02	1378	1.13	91	1.32	57	1.80	347	3.30	205	1.03	101	+	41	2.24	147	3.08	44	4.24	
16	9.04	1383	.97	72	1.25	48	1.75	332	3.25	197	1.03	101	+	34	2.41	158	3.04	43	4.20	
17	9.04	1383	1.02	78	1.19	39	1.76	335	3.20	205	1.00	96	+	95	2.21	138	3.07	44	4.20	
18	9.02	1378	1.59	1.52	1.39	67	1.58	356	3.20	190	.98	91	+	41	2.28	149	3.16	47	4.28	
19			1.79	180	1.42	72	1.88	371	3.15	183	.93	82	+	95	3.00	277	3.02	43	4.38	
20	9.04	1383	2.05	216	1.46	78	1.85	362	3.10	176	.93	82	+	138	3.28	334	3.08	44	4.40	
21	8.57	1275	2.07	224	1.41	70	1.92	383	3.05	169	.93	82	+	132	3.43	365	3.08	44	4.44	
22	8.57	1275	1.95	122	1.50	102	1.90	377	3.05	186	.94	85	+	106	3.50	378	3.07	44	4.40	
23	8.58	1277	2.11	189	1.44	91	1.97	398	3.05	186	.94	85	+	127	3.53	384	3.08	42	4.46	89
24	8.14	1177	1.94	165	1.40	84	1.92	383	3.05	186	.96	89	+	108	3.60	399	3.04	41	4.44	
25	8.12	1173	1.56	114	1.10	40	1.80	347	3.05	186	.96	89	+	57	3.32	342	2.93	38	4.50	
26	8.13	1175	1.39	92	.85	25	1.62	295	3.05	186	.94	85	+	84	2.72	223	2.99	39	4.40	
27	8.13	1175	1.15	62	.83	23	1.83	356	3.05	186	.95	87	+	83	2.20	137	2.96	38	4.42	
28	8.11	1170	0.98	43	.59	11	1.95	392	3.05	186	.96	89	+	117	2.27	147	2.94	38	4.5	
29	8.13	1175	.82	28	.52	7	1.97	398	3.05	186	.96	89	+	123	2.24	143	2.97	39	4.50	
30	8.45	1247	.91	36	.80	21	1.88	371	3.05	186	.96	89	+	96	2.21	140	2.99	39	4.46	
31	8.45	1247	.79	26	.89	26	1.79	344	3.00	179	.96	89	+	76	2.22	144	2.99	39	4.48	

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August 1987

	No. 14		No. 54		No. 53		No. 56		No. 10		No. 11		Mo. J.B.		Marley		F Waste	S Waste	
1	3.40	456	1.96	57	5.94	964	6.09	516	2.21	71	4.61	214	2.73	181	0.40	35	6.8	0.22	9.5
2									2.20	70	4.61	214	2.70	175					
3.	3.43	462	1.94	55	6.12	1011	6.10	518	2.29	80	4.62	215	2.71	177	0.43	40	5.2	.38	26
4	3.48	471	2.00	62	6.04	990	6.15	527	2.27	78	4.60	212	2.68	172	.36	31	6.8	.35	22
5	3.40	456	1.90	50	6.03	988	6.12	522	2.25	76	4.62	215	2.74	183	.37	32	4	.41	29
6	3.48	471	1.90	50	6.15	1019	6.21	539	2.23	©74	4.64	©207	2.81	©192	.42	©32	5.6	.44	33
7	3.55	485	2.00	62	6.16	1021	6.20	537	2.18	68	4.63	206	2.79	188	.41	31	4.8	.43	32
8	3.58	490	2.02	64	6.20	1032	6.22	541	2.17	67	4.62	204	2.77	185	.44	34	7.4	.40	28
9									2.15	65	4.62	204	2.74	179				.44	33
10	3.61	496	1.98	60	6.29	1058	6.26	548	2.18	68	4.62	204	2.72	175	.45	35	5	.37	24
11	3.58	©494	1.94©	49	6.26©	1021	6.24©	593	2.18	68	4.61	202	2.69	170	.41	31	4	.30	17
12	3.45	468	1.87	40	6.08	975	6.12	550	2.15	65	4.61	202	2.70	172	.40	29	4	.24	11
13	3.34	448	1.89	43	6.06	969	6.14	573	2.14	64	4.60	201	2.70	172	.37	26	6	.19	7
14	3.37	454	1.89	43	6.12	985	6.19	583	2.14	64	4.61	202	2.70	172	.38	27	7		.4
15	3.36	452	1.76	38	6.11	982	6.16	577	2.13	64	4.54	186	2.57	150	.31	21	8		0
16	3.28	437	1.60	15	6.08	975	6.12	550	2.10	61	4.54	186	2.56	149				.30	.23
17	3.28	437	1.57	13	6.13	988	6.09	563	2.11	62	4.59	199	2.68	168	.28	18	8.4	.48	39
18	3.37	454	1.86	39	6.11	982	6.19	583	2.14	64	4.58	198	2.64	162	32	22	6	.48	39
19	3.40	460	1.88	42	6.14	990	6.21	587	2.15	65	4.58	198	2.64	162	.27	17	10.6	.32	19
20	3.37	454	1.78	30	6.14	990	6.20	585	2.14	64	4.57	196	2.64	162	.29	19	7	.30	17
21	3.34	449	1.79	31	6.09	977	6.16	577	2.16	66	4.57	196	2.63	160			4	.10	2
22	3.38	456	1.84	37	6.12	985	6.20	585	2.20	70	4.56	194	2.63	160	.31	21	8.4	.34	21
23									2.16	66	4.56	194	2.65	163					
24	3.39	458	1.87	40	6.12	985	6.21	587	2.15	65	4.55	193	2.62	158	.33	23	7.8	.38	25
25	3.40	460	1.85	38	6.11	982	6.20	585	2.22	72	4.58	198	2.67	167	.33	23	9.6	.62	60
26	3.43	466	193	48	6.14	990	6.23	591	2.20	70	4.56	194	2.66	165	.31	21	6.5	.48	39
27	3.45	470	1.92	46	6.17	998	6.23	591	2.20	70	4.57	196	2.67	167	.30	20	10.2	.19	7
28	3.46	471	1.91	44	6.15	993	6.21	587	2.18	68	4.58	198	2.71	174	.31	21	6.0	—0—	—0—
29	3.44	468	1.87	40	6.17	998	6.23	591	2.18	68	3.51	66	1.00	12	.08	5	5.8		
30									2.19	69	2.50	72							
31	3.43	466	1.81	33	6.12	985	6.25	595	2.19	69	2.36								

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August 1987

	No. 60		No. 17		No. 9		No X		No y		No z		+ or −		No. 21		No. 93		No 17X	
1	8.45	1247	0.81	28	0.82	22	1.70	317	3.00	179	0.96	89	+	48	2.20	137	2.98	39		
	8.45	1247	0.87	33	0.80	21	1.70	317	3.00	179	0.97	91	+	47	2.01	109	2.98	39	4.32	
3	8.45	1247	0.79	25	0.95	28	1.71	320	3.00	179	0.97	91	+	50	1.96	102	3.00	39	4.32	
4	8.45	1219	0.77	24	1.02	33	1.68	311	3.00	179	0.98	93	+	39	2.07	118	3.00	39	4.32	
5	8.61	1256	0.67	17	1.01	32	1.65	300	3.05	186	0.97	91	+	23	2.00	108	3.00	39	4.32	
6	8.60	1254	0.62	15	0.98	30	1.63	298	3.05	186	0.93	84	+	28	1.88	91	3.01	40	4.28	
7	8.60	1254	0.77	24	1.05	36	1.65	300	3.05	186	0.95	87	+	30	1.56	54	3.10	42	4.30	
8	8.61	1256	.90	35	1.03	34	1.63	298	3.05	186	.95	87	+	25	1.99	106	3.09	42		
9	8.60	1254	.96	41	1.04	35	1.64	300	3.05	186	.95	87	+	27	2.08	119	3.10	42	4.30	
10	8.61	1256	.85	31	1.05	36	1.67	308	3.10	196	.95	87	+	27	1.94	105	3.10	42	4.30	
11	8.59	1252	1.17	64	1.03	34	1.66	306	3.10	196	.98	93	+	17	2.00	108	3.12	43	4.34	
12	8.32	1190	1.22	70	.93	27	1.70	317	3.10	196	.99	95	+	26	2.13	126	3.07	41	4.34	
13	8.32	1190	.86	32	.78	20	1.74	329	3.10	196	.99	95	+	38	2.04	119	3.00	39	4.36	
14	8.31	1188	.75	22	.88	25	1.64	300	3.05	186	.98	93	+	23	1.88	91	3.04	40	4.34	
15	8.30	1186	.88	34	.92	27	1.60	289	3.05	186	.98	93	+	10	1.91	95	3.04	40	4.30	
16	8.31	1188	.88	34	.90	26	1.62	295	3.05	186	1.00	97	+	12	1.97	104	3.04	40	4.30	
17	8.30	1186	.71	20	1.03	34	1.52	268	3.05	186	1.00	97	−	15	1.93	99	3.03	40	4.30	
18	8.31	1188	.74 ©	42	1.28 ©	44	1.51	265	3.00	179	95	87	−	1	1.84	86	3.03 ©	39	3.82	
19	8.30	1186	.90	60	1.21	45	1.44	247	3.00	179	96	89	−	21	1.89	92	3.05	40	3.82	
20	8.31	1188	.87	56	1.09	33	1.37 ©	247	3.00 ©	176	.96 ©	84	−	13	1.87	90	3.07	41	3.90 ©	
21	8.28	1181	.79	47	1.02	27	1.41	257	3.00	176	.95	82	−	11	1.65	63	3.04	40	3.90	
22	8.31	1188	.85	54	.97	26	1.42	260	3.00	176	.95	82	+	2	1.70	69	3.04	40	3.90	
23	8.29	1186	.90	60	1.07	32	1.46	270	3.00	176	.95	82	+	12	1.62	60	3.03	39	3.90	
24	8.32	1190	.85	54	1.06	31	1.50	281	3.00	176	.96	84	+	21	1.76	76	3.03	39	3.90	
25	8.32	1190	.82	50	1.05	30	1.55	295	3.00	176	.95	82	+	37	1.88	91	3.04	40	3.92	
26	8.31	1188	.85	54	1.25	50	1.55	295	3.00	176	.94	81	+	38	1.90	94	3.05	40	3.92	19.6
27	8.32	1190	.92	62	1.14	37	1.63	317	3.00	176	.95	82	+	59	2.08	119	3.06	41	3.94	
28	8.31	1188	1.00	72	1.06	31	1.62	314	3.00	176	.92	78	+	60	2.12	125	3.08	41	3.96	
29	8.32	1190	1.06	79	.99	27	1.60	308	3.00	176	.95	82	+	50	2.20	137	3.09	42	3.96	
30	8.32	1190	1.13	88	.99	27	1.65	323	2.95	169	.92	78	+	76	2.06	116	3.09	42	3.98	
31	8.32	1190	1.06	79	.98	26	1.66	326	2.95	169	.93	79	+	78	2.23	141	3.09	42	3.98	

T 7503 A 1210

WRB00003370

September 1987

	No 14		No 54		No 53		No 56		No 10		No 11		Mo. S.B.		Merley		F. Waste		S. Waste	
1	3.41	462	1.63	17	6.22	1011	6.24	593	2.15	65	2.80	26						0		
2	3.36	458	1.55	12	6.21	1008	6.21	587	2.14	64	2.79	26						0		
3	3.37	454	1.50	8	6.24	1016	6.22	589	2.16	66	2.83	28						0		
4	3.38	456	1.58	9	6.24	1016	6.23	591	2.17	67	2.84	28								
5	3.41	462	1.59	14	6.27	1024	6.25	595	2.19	69	2.84	28						.8		
6									2.19	69	2.84	28								
7	3.46	471	1.60	15	6.34	1044	6.30	605	2.20	70	2.84	28						.5		
8	3.41	462	1.62	16	6.20	1006	6.22	589	2.21	71	2.84	28						.6		
9	3.18	419	1.62	16	6.19	1003	6.35	615	2.20	70	2.84	28								
10	3.23	©445	1.52	©14	6.19	©995	6.32	©544	2.20	70	3.00	37						0		
11	3.22	443	1.62	21	6.21	1001	6.34	549	2.20	70	3.00	37						6		
12	3.21	441	1.60	20	6.20	998	6.33	546	2.20	70	3.00	37						4		
13									2.21	71	3.00	37								
14	3.23	445	1.62	21	6.22	1003	6.34	548	2.23	74	3.00	37						6		
15	3.22	443	1.59	19	6.20	998	6.32	544	2.21	71	3.00	37						5		
16	3.14	428	1.58	19	5.98	941	6.17	516	2.23	74	3.00	37						6		
17	3.09	419	1.65	24	5.87	912	6.11	504	2.21	71	3.00	37						5		
18	3.10	421	1.59	19	5.92	925	6.14	510	2.22	72	3.00	37						6		
19	3.11	423	1.59	19	5.93	928	6.14	510	2.23	74	3.00	37						6.0		
20									2.22	72	3.00	37								
21	3.12	425	1.61	21	5.90	920	6.14	510	2.22	72	2.99	37						6.2		
22	2.99	401	1.59	19	5.53	829	5.89	463	2.21	71	2.99	37						5.6		
23	2.78	363	1.53	15	5.36	788	5.85	455	2.24	71	3.08 3.07	42 42						6.0		
24	2.77	360	1.53	15	5.35	786	5.81	448	2.24	75	3.06	41						3.4		
25	2.77	360	1.53	15	5.35	786	5.83	452	2.24	75	3.06	41						2.5		
26	2.77	360	1.48	11	5.34	784	5.89	450	2.22	72	3.05	40						1.8		
27									2.22	72	3.04	40								
28	2.78	363	1.46	10	5.34	784	5.84	454	2.22	72	3.04	40						4.2		
29	2.78	363	1.50	13	5.38	793	5.86	457	2.22	72	3.03	39						3.4		
30	2.78	363	1.46	10	5.37	791	5.86	457	2.22	72	3.07	42						2	.54	48
31					T 5.37 A	27824 927														

IWRB00003371

September 1987

	No 10		No 17		No 9		No X		No Y		No Z		+ or -		No 21		No 93		No 77X
1	8.32	1190	.98	69	.97	26	1.62	314	2.95	169	.93	79	+	86	2.22	140	3.07	41	3.96
2	8.32	1190	.91	61	.98	26	1.50	281	2.90	162	.92	78	+	41	2.05	150	3.03	39	3.98
3	8.34	1194	.88	57	1.05	30	1.36	244	2.90	162	.92	78	+	4	1.88	91	3.05	40	3.90
4	8.34	1194	.90	60	1.10	34	1.32	234	2.90	162	.94	80	−	8	1.62	60	3.05	40	3.90
5	8.34	1194	1.03	75	1.16	39	1.37	247	2.90	162	.92	78	+	7	1.68	66	3.07	41	3.92
6	8.34	1194	1.17	92	1.16	39	1.38	250	2.90	162	.88	71	+	17	1.90	92	3.09	41	3.94
7	8.33	1192	1.08	81	1.20	44	1.43	262	2.90	162	.88	71	+	25	2.17	132	2.98	39	3.94
8	8.05	1188	1.04	81	1.12	36	1.44	265	2.90	162	.88	71	+	32	2.32	155	2.86	35	3.94
9	8.05	1188	84	53	1.08	32	1.37	247	2.90	162	.89	71	+	14	2.18	134	2.80	33	3.94
10	8.05	1188	78	46	1.13	36	1.36	244	2.90	162	.87	70	+	12	2.03	112	2.80	33	3.94
11	8.05	1188	.80	48	1.18	42	1.41	257	2.90	162	.87	70	+	15	2.02	116	2.90	33	3.94
12	8.04	1186	.75	43	1.16	39	1.51	284	2.85	155	.87	70	+	59	2.15	129	2.80	33	3.94
13	8.05	1188	.76	44	1.20	44	1.57	300	2.77	145	.88	72	+	83	2.28	149	2.79	34	3.96
14	8.05	1188	.78	46	1.25	50	1.55	295	2.77	145	.85	67	+	88	2.50	184	2.88	35	3.96
15	8.05	1188	.80	48	1.18	42	1.42	260	2.77	145	.85	67	+	48	2.56	194	2.84	35	3.94
16	7.81	1137	1.43	127	1.20	44	1.24	214	2.77	145	.84	66	+	3	2.43	174	2.93	37	3.96
17	7.80	1133	1.42	125	1.10	34	1.35	242	2.72	138	.80	61	+	43	2.36	161	2.72	32	3.96
18	7.80	1133	1.53	140	1.10	34	1.40	254	2.68	133	.80	61	+	60	2.51	186	2.74	32	4.00
19	7.79	1131	1.56	144	1.14	37	1.58	303	2.68	133	.84	66	+	104	2.67	214	2.60	29	4.00
20	7.79	1131	1.58	147	1.15	38	1.57	300	2.67	132	.83	65	+	103	2.91	259	2.61	29	4.06
21	7.79	1131	1.60	150	1.16	39	1.57	300	2.67	132	.83	65	+	103	2.98	274	2.60	29	4.06
22	7.17	1002	1.54	141	1.15	38	1.55	295	2.67	132	.84	66	+	97	3.00	277	2.61	29	4.06
23	7.17	1002	1.27	106	0.95	25	1.64	320	2.67	132	.84	66	+	122	2.97	271	2.58	28	4.04
24	7.18	1004	1.07	80	.90	23	1.54	292	2.65	129	.84	66	+	97	2.74	226	2.61	29	3.96
25	7.18	784	0.89	59	.91	23	1.45	262	2.63	127	.85	67	+	68	2.50	184	2.57	29	3.96
26	7.21	990	.91	61	.88	21	1.45	262	2.63	127	.81	62	+	73	2.24	143	2.58	28	3.96
27	7.20	988	.92	62	.85	20	1.38	250	2.63	127	.81	62	+	61	2.30	158	2.57	29	3.96
28	7.15	978	.95	66	.94	30	1.44	265	2.58	120	.81	.62	+	83	2.23	141	2.15	20	3.96
29	7.19	986	.73	41	.93	24	1.45	268	2.58	120	.79	59	+	69	2.40	167	2.11	19	3.96
30	7.18	984	.71	39	1.08	32	1.49	279	2.58	120	.78	58	+	101	2.41	169	2.12	20	3.96
31	T	33669	cfs	12,088	c.f.s.	8,165													
	A	1119																	

H.F. = 24,176 Total H.F. 16,330

DWRB00003372

October 1987

	No 14		No 54		No 53		No 56		No 10		No 11		Mo. J.B.		Marley		F. Waste	S. Waste	
1	3.13	427	2.98	.114	5.40	798	6.10	503							.08	7.4	42	.26	13
2	3.11	423	2.26	110	5.40	798	6.11	504							.10	9	5		
3.	3.15	430	2.40	142	5.40	798	6.16	514							.08	7.4	5		
4																			
5	2.82	371	163	22	5.35	786	5.88	461											
6	2.81	369	160	20	5.38	793	5.87	459									3		
7	2.82	371	162	2.1	5.38	793	5.87	459											
8	2.84	374	1.60	20	5.43	805	5.90	465									3		
9	2.80	367	1.54	16	540	798	5.91	466											
10					T	7167													
11					A	796	"												
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			

October 1987

	No 60		No 17		No 9		No X		No Y		No Z		+or-		No 21		No 93			
1	7.18	984																		
2	7.19	986																		
3.	7.18.	984																		
4	7.20	988																		
5	7.20	988																		
6	7.16	980																		
7	7.17	1004																		
8	7.18	1006																		
9	7.18	1006																		
10	Off																			
11																				
12	+	8926																		
13	#	992																		
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

IWRB00003374

NOV 1987 STOCK RUN

	Magic		No 3		No 4		No 5		East		West		Hd	J.B	W-1	W-2	E spill		No 48	
1	848.6	8,204	4.02	515	4.18	300	1.72	2.00												
2			4.06	536	4.30	316	1.56	158	2.18	231	1.68	73	58	90				16	3.08	191
3	845.2	6,089	4.06	536	4.32	320	1.54	154	1.88	194	1.67	72	82	120				18		
4			4.04	526	4.24	306	1.52	150	1.66	167	1.65	71	88	132						
5	841.7	4,355	3.29	222															4.20	374
6	840.4	3,816	2.90	149	2.90	248	1.52	150												
7		4,344 w	off		off		off													
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
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23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

IWRB00003375

1988

IWRB00003376

APRIL 1988

	No 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		No. 1		No. 2		Weekly	
	GH	Q	GH	Q	GH	Q	GH	Q	Q	Q	Q	Q	GH	Q	GH	Q	GH	Q		
1																				1
2																				2
3																				3
4																				4
5																				5
6																				6
7																				7
8																				8
9																				9
10																				10
11																109		120		11
12	3.43	407												240						12
13	3.36	397																		13
14	3.36	397													4.12	87	4.19	134	6 hr.	377 14
15	5.24	703											1.55	385						167 15
16	5.23	701																		108 16
17	5.32	718													4.12	87	4.30	160		138 17
18	5.38	716											2.00	586						150 18
19	5.28	710			.34		1.50	78					1.99	589						84 19
20	5.28	710	1.26	95	1.44	50							1.94	564						89 20
21	5.28	710	1.26	95	1.45	57	1.61	86		7			2.14	667	4.33	125	5.00	370		90 21
22	5.31	716	1.18	85	1.42	56	1.61	86					1.92	554						90 22
23	5.30	714	98	65	1.66	61	1.99	121	9	5			1.78	487						80 23
24	5.31	716																		93 24
25	5.31	716	.84	59	1.52	60	2.27	154												Off 25
x	5.30	714	1.14	81	2.38	88	2.28	155												
27	5.30	714	1.00	67	2.32	85	2.28	155	15	5	—	20	1.51	368						27
28	5.86	798	.70	46	2.54	95	2.52	194	5	2		16	1.50	364	4.10	84	4.32	158		28
29	5.87	800	.74	48.2	2.54 2.62	102	249	188	3	2		14	1.51	368						29
30	5.64	954	.42	33	2.80	114	249	188	5	4	—	0	1.55	386						146 30
31	7.14	13.011	Ave	685 dpd																142 31

IWRB00003377

APRIL 1988

	Magic		No. 3	No. 4	No. 5	East	West	Head J.B.	W-1	W-2	E-Spill	No. 48
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	878.5	45,025										
13	878.8	45,553										
14	879.1	46,086										
15												
16												
17												
18	880.3	48,241										
19	880.5	48,695										
20	880.8	49,155										
21	881.3	50,067										
22	881.9	51,171										
23	882.6	52,471										
24	883.1	53,305										
25	883.5	54,157										
26	883.8	54,723										
27	884.4	55,961										
28	884.7	56,434										
29	885.0	57,007										
30	885.3	57,583										
31												

IWRB00003378

MAY 1988

	No. 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		No. 1		No. 2			
	GH	Q	GH	Q	GH	Q	GH	Q	Q	Q	Q	Q	GH	Q	GH	Q	GH	Q		
1		1401																		1
2	6.63	952	1.02	69	2.98	127	2.49	188	4	4	-	8	1.48	356						2
3	7.14	1054	1.58	151	3.38	155	2.49	188	5	6	-	4	1.45	344						3
4	7.13	1052	1.52	138	3.28	148	2.64	216	0	0	6	4	1.43	312	3.89	57	4.73	136		4
5	7.12	1050	1.56	147	3.40	164	2.64	244	5	3	7	10	1.46	348						5
6	7.13	1058	1.46	126	3.24	151	2.64	244	3.5	2.5	6	7	1.38	316						6
7	7.13	1052	1.46	126	3.35	151	2.74	264	2	3	7	7	1.40	324						7
8	7.12	1050							7	4	6	5								8
9	7.12	1050	1.48	130	3.34	151	2.72	260	8	3	5	6	1.32	290						9
10	7.05	1036	1.36	109	3.30	148	2.72	260	4.5	1.5	2	5	1.28	279						10
11	7.11	1048	1.19	86	3.36	152	2.72	260	6	2	3	5			3.72	45	4.05	96		11
12	7.47	1124	.84	55	3.56	152	2.80	295	11	4 3/4	0	4	1.45	344						12
13	7.48	1126	.90	60	3.70	181	2.90	296	10.5	2	3.0	6.0	1.73	469						13
14	7.42	1113	.84	55	3.66	179	2.91	298					1.84	515	3.82	49	4.27	138		14
15	7.81	1199					2.90	296	10.5	4.5	2	6								15
16	7.77	1190	1.06	72	3.78	190	2.90	296	8	2	3	8	2.17	683						16
17	7.78	1192	.99	66	3.76	187	2.90	296	7	1	6	8	2.69	987	3.65	33	4.45	183		17
18	7.80	1197	.99	66	3.76	187	2.91	298	10.5	4.5	5	6	2.47	853						18
19	7.86	1210	.90	60	3.69	187	2.91	298	10.5	4.5	6	6	2.21	705	3.63	32	4.97	338		19
20	7.78	1192	1.10	76	3.80	191	2.90	296	5.5	3.2	7	6	2.07	630						20
21	8.08	1261	1.00	66	3.76	187	2.91	298	1	4	3	4	2.15	672						21
22	8.11	1268																		22
23	8.12	1270	1.10	76	3.82	193	2.91	298	0	0	4	5	2.67	975	3.69	37	4.84	294		23
24	8.43	13 40 1270	.96	65	3.72	177	2.97	264	2	1	3	2	2.70	994						24
25	8.45	1346	.94	64	3.80	184	2.97	264	0	0	3	1	2.94	1150						25
26	8.44	1344	1.05	73	3.88	192	3.09	288	0	1	3	1	2.87	1103						26
27	8.46	1348	1.06	74	3.89	193	3.16	302	1	3	3	4	2.89	1116						27
28	8.66	1394	1.06	74	3.88	192	3.20	310					2.67	975						28
29																				29
30	8.70	1403	1.45	128	3.91	195	3.19	308	5	4	3	-	2.46	847						30
31	8.69	1401	1.16	85	3.36	147	3.19	308				8	2.34	744	3.69	35	5.08	377		31

19490

IWRB00003379

MAY 1988

	MAGIC		No. 3		No. 4		No. 5		East		West		Head J.B.		W-1	W-2	E-Spill		No. 48	
2	8853	57583	3.90	476	360	203	1.58	162		4		12	1.15	143					2.98	201
3	8849	56 818	402	536	379	232	1.61	280	.30	10	.50	22	1.12	136					3.10	219
4	8845	56052	4.07	536	433	329	1.23	169	1.26	112	1.15	44	1.12	136					2.59	149
5	8840	55101	4.26	673	4.70	4.02	1.49	247	1.68	155	1.64	62	1.11	134						
8	8833	53781	4.38	747	5.01	4.69	1.55	256	2.05	207	1.87	75	1.11	134		8	10			
1	882.7	52,657	4.38	747	5.02	472	1.54	253	1.99	200	1.97	82	1.11	134	8	8	10			
9									2.09	212	1.98	83	1.06	124	8	8	2			
9	881.4	50.251	4.38	747	5.01	469	1.54	253	2.09	212	1.98	83	1.05	122	8	8	8		3.05	212
10	880.6	48787	4.36	735	5.02	472	1.50	250	2.09	212	1.98	83	1.05	122	8	8	7		3.05	212
11	879.9	47518	4.36	735	5.04	476	1.48	244	2.17	222	1.98	83	1.00	112	7	8	11		3.01	ⓒ 216
12	879.2	46265	4.36	735	5.03	ⓒ 483	1.50	ⓒ 238	2.16	ⓒ 214	1.97	ⓒ 200	1.00	112	8	7	11			
13	878.5	45025	4.36	735	5.06	490	1.48	232	2.19	218	2.15	115	.96	108	14	8	13		2.91	201
14	877.6	43449	4.40	ⓒ 824	5.06	490	1.56	256	2.19	218	2.28	129	.90	93	13	14	8			
15									2.19	218	2.30	129	.90	93	12	14	8			
16	876.1	40,879	4.40	824	5.07	492	1.53	247	2.19	218	2.30	129	.90	93	12	17	10		3.05	222
17	875.4	39,707	4.40	824	5.06	490	1.54	250	2.18	217	2.28	127	.90	93	12	10	9			
18	874.7	38,549	4.40	824	5.07	492	1.53	247	2.18	217	2.28	127	.90	93	10	10	8		3.01	216
19	874.2	37,730	4.38	813	5.09	497	1.49	235	2.19	218	2.29	128	.90	93	10	10	5			
20	873.7	36,924	4.40	824	5.04	485	1.55	253	2.19	218	2.29	128	.90	93	4	8	7		3.03	219
21	873.2	36,124	4.44	843	5.14	508	1.65	292	2.18	217	2.28	127	.97	106	4	12	5		3.05	222
22									2.19	218	2.29	128	1.00	112	4	12	4			
23	871.6	33,632	4.44	843	5.22	528	1.60	272	2.18	217	2.28	127	1.01	117	4.6	12.5	3.8		3.15	237
24	870.9	32,521	4.44	843	5.22	528	1.58	264	2.20	220	2.29	128	1.00	112	4	12	4.7		3.13	ⓒ 234
25	870.3	31,677	4.43	842	5.21	ⓒ 518	1.59	ⓒ 280	2.22	222	2.30	129	1.01	114	4	12	5		3.09	228
26	869.7	30,798	4.41	836	5.21	518	1.57	272	2.22	222	2.30	129	1.01	114	4	8	6			
27	869.3	30,218	4.42	836	5.23	523	1.55	264	2.21	221	2.29	128	1.00	112	3	8	7		3.06	224
28	868.9	29,641	4.40	824	5.22	520	1.51	250	2.20	220	2.28	127	.99	110	5	8	9			
29									2.20	220	2.28	127	.99	110						
30	867.8	28,093	4.44	848	5.16	506	1.52	251	2.20	220	2.28	127	99	110	8	8	10.5		3.19	243
31	867.3	27,403	4.44	848	5.16	530	1.59	280	2.23	222	2.30	129	1.00	112						

23,136

IWRB000003380

JUNE 1988

	No. 14		NO. 54		No. 53		No. 56		No. 57		No. 10		No. 11		M.J.B.		Marley		F	S		
	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	Waste	Waste	C.H	Q
	3.62	474	2.20	89	6.35	1103	6.60	599			2.48	105	4.02	189			.002	—			Off		1
2	3.63	475	2.12	73	6.36	1106	6.60	599			2.51	109	2.75	45									2
3	3.44	444	1.93	48	6.28	1085	6.48	575	3.89	371	2.41	95	2.74	45									3
4	3.35	430	1.85	40	6.24	1074	6.40	560	4.66	472	2.37	90	2.74	45									4
5																							5
6	3.23	410	1.71	28	6.06	1028	6.30	541	4.79	488	2.24	74	2.75	45									6
7	3.19	404	1.70	27	6.02	1015	6.28	537			2.22 ⊙	76	2.70	⊙ 28									7
8	3.45	446	2.24	93	5.92	991	6.37	554			2.20	73	3.80	109	2.76	182				.34	23.2		8
9	3.33	426	2.30	103	5.97	1004	6.40	560			2.17	70	4.57	228	2.70	171	.24	14	26°	.49	43.5		9
10	3.32	425	2.26	96	6.02	1017	6.42	563			2.14	67	4.61	235	2.80	210	.32	21	26°	.36	26.0		10
11	3.37	433	2.00	59	6.00	1012	6.36	552			2.13	66	4.48	212	2.66	163	.36	26	24.0	.22	11.1		11
12																							12
13	3.30	422	1.89	44	5.92	991	6.29	539			2.17	70	4.50	216	2.60	153	.30	19	25.0	.36	26.0		13
14	3.29	420	1.87	42	5.91	989	6.27	535			2.19	72	4.46	209	2.60	153	.30	19	24.0	.34	28.2		14
15	3.28	418	1.80	36	5.92	991	6.25	531			2.24	78	4.43	204	2.62	156	.30	19	11.0	.30	18.5		15
16	3.31	423	1.78	34	5.91	989	6.24	529			2.24	78	4.45	207	2.60	153	.30	19	12.0	.28	16.7		16
17	3.29	420	1.74	30	5.89	983	6.20	522			2.25	80	4.46	209	2.60	153	.24	14	12.0	.22	11		17
18	3.34	428	1.80	36	5.98	1007	6.28	537			2.25	80	4.50	216	2.60	153	.26	16	12.0	.16	7		18
19																							19
20	3.30	422	1.73	30	5.94	996	6.22	525			2.21	75	4.52	219	2.60	153	.24	14	10.5	.12	4.4		20
21	3.28 ⊙	447	1.72 ⊙	32	5.87 ⊙	963	6.18 ⊙	558			2.17 ⊙	60	4.52 ⊙	207	2.56 ⊙	147	30 ⊙	19	12	.58	57.0		21
22	3.25	442	1.72	32	5.89	968	6.17	556			2.20	63	4.55	212	2.54	144	.18	10	8	.54	51.0		22
23	3.33	455	1.64	26	5.84	955	6.05	533			2.13	56	4.58	214	2.56	147	.24	14	12	.44	36.2		23
24	3.38	463	1.68	29	5.98	991	6.16	554			2.16	59	4.60	221	2.54	144	.24	14	12	.38	28.2		24
25	3.34	457	1.59	22	5.98	991	6.18	558			2.15	58	4.53	209	2.44	129	.20	11	7	.30	19		25
6																							26
27	3.31	452	1.41	11	6.01	999	6.19	560			2.18	61	4.60	221	2.44	127	.02	0	2.4	.67	71		27
28	3.30	450	1.38	9	6.00	996	6.17	556			2.20	63	4.65	230	2.46	130	.14	7	2°	.52	48		28
29	3.39	465	1.32	7	6.01	999	6.09	541			2.24	67	4.64	228	2.40	121	.25	15	5	.37	21		29
30	3.46	477	1.30	6	6.19	1046	6.28	577			2.18	61	4.61	223	2.36	114	.30	19	0	.18	78		30
31																							31

EWRB00003381

JUNE 1988

	No. 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		NO. 1		No. 2			
	GH	Q	GH	Q	GH	Q	GH	Q	Q	Q	Q	Q	GH	Q	GH	Q	GH	Q		
	8.69	1401	098	67	3.30	143	3.19	308	10	10	3	8	2.14	667						1
2	8.65	1392	089	61	3.24	138	3.19	308	8	7	4	5	2.29	749	3.73	39	4.90	3.14		2
3	8.65	1392	1.92	267	0	190	3.19	308	8	8	3	4	2.17	672						3
4	8.69	1401	98	68	3.20	136	3.19	308	10	9	0	3	2.69	987						4
5	8.68	1399							8	9	2	3	3.25	1375						5
6	8.70	1403	.84	56	3.56	161	3.19	308	5	7	5	5	3.17	1315						6
7	8.73	1413	1.14	83	3.76	180	3.19	308	4	6	5	5	2.84	1083	3.50	22.7	5.40	496		7
8	8.70	1403	1.36	112	3.90	194	3.20	310	4	7	8	8	2.56	907						8
9	8.68	1399	1.52	143	3.94	198	3.19	⑥ 302	3	6	7	10	2.31	756						9
10	8.71	⑥ 1449	1.52	143	3.94	198	3.19	302	6	6	6	6	2.32	760						10
11	8.69	1445	1.36	112	3.88	192	3.19	302	4	4	7	8	2.32	760						11
12	8.73	1454					3.19	302												12
13	8.68	1442	1.34	109	3.87	191	3.19	302	8	4	7	6	2.24	710						13
14	8.71	1449	1.34	109	3.87	191	3.19	302	8	3	7	6	2.18	678						14
15	8.72	1452	1.30	103	3.85	189	3.19	302	3	3	2	6	2.25	705	3.10	6.8	4.69	249		15
16	8.73	1454	1.24	95	3.86	190	3.19	302	7	6	2	6	2.25	705	3.01	5	4.66	240		16
17	8.96	1507	1.04	71	3.90	194	3.19	302	7	1	3	4	2.25	705						17
18	8.96	1507	1.10	78	3.94	197	3.19	302	5	3	4	4	2.18	678						18
19																				19
20	8.93	1500	1.02	70	3.93	197	3.19	302	2	1	3	4	2.11	641						20
21	8.97	1510	1.25	96	4.05	210	3.19	302	3	1	2	2	2.02	594	2.88	2.6	4.05	196		21
22	8.97	1510	1.32	106	4.10	215	3.19	302	0	0	3	6	1.99	579						22
23	9.13	1572	1.10	78	3.97	201	3.22	308	1	0	2	5	1.90	535						23
24	9.21	1567	1.20	90	4.00	204	3.25	315	2	1	3	4	1.96	515						24
25	9.23	1572	1.10	78	3.97	201	3.25	315					1.75	464						25
6	9.24	1574					3.25	315	1	2	4	4								26
27	9.24	1574	1.46	106	4.16	220	3.26	317	2	0	4	5	1.62	406						27
28	9.25	1577	1.36	112	4.02	202	3.25	315	1	0	5	5	1.56	⑥ 428			4.05	189		28
29	9.46	⑥ 1519	1.18	⑥ 87	3.96	⑥ 205	3.26	317	2	1	0	3	1.52	312						29
30	9.50	1529	1.54	147	4.10	221	3.31	328	4	2	0	3	1.54	432						30
31		42712	1424 Ave.																	31

IWRB00003382

JULY 1988

	No. 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		No. 1		No. 2		
	GH	Q	GH	Q	GH	Q	GH	Q	Q	Q	Q	Q	GH	Q	GH	Q	GH	Q	
1	9.51	1531	1.49	136	4.08	218	3.31	328	4	2	0	3	1.41	376	2.91	4	3.99	94	1
2	9.51	1531	1.23	93	3.96	205	3.31	328	4	3	2	3	1.35	352					2
3	9.72 9.70	1582 1577	1.06	74	4.10	221					3								3
4	9.68	1572					3.31	328	8	4	2	3	1.24	308					4
5	9.71	1579	1.10	78	4.11	222	3.31	328	7	2	3	3	1.25	312	2.86	2.9	3.89	74	5
6	9.64	1562	1.10	78	4.11	222	3.31	328	5	1	2	2	1.22	304				⑥	6
7	9.71	1579	1.07	75	4.10	221	3.31	328	5	3	3	4	1.16	279					7
8	9.72	1582	1.14	83	4.11	222	3.31	328	5	2	3	4	1.12	264					8
9	9.72	1582	1.10	78	4.08	218	3.31	328	5	1	1	3	1.09	254					9
10	9.72	1582					3.31	328					1.06	243					10
11	9.78	1596	1.16	85	4.05	215	3.31	328	4	1	1	0	1.09	254					11
12	9.74	1586	1.14	82	4.05	215	3.31	⑤ 339	2	1	1	2	1.08	250	Est	2.0	3.90	76	12
13	9.78	1596	1.11	80	4.05	215	3.31	339	3	3	1	2	1.06	243					13
14	9.72 ③	1517	1.08	76	4.02	212	3.31	339	2	5	2	2	1.03	234	2.78	2.6	3.84	57	14
15	9.73	1519	1.00	69	3.98	207	3.31	339	2	5	2	2	1.01	228					15
16	9.62 9.61	1494 1491	1.06	74	3.94	203	3.31	339	2	6	1	2							16
17	9.61	1491																	17
18	9.64	1494	1.00	69	3.90	199	3.31	339	6	8	1	1	.96	213					18
19	9.63	1495	1.04	72	3.96	205	3.31	339	7	5	2	2	.94	208					19
20	9.63	1495	1.10	78	3.97	206	3.31	339	5	5	1	1	.93	206					20
21	9.63	1495	1.10	78	3.97	206	3.31	339	8	5	2	2	.91	200	2.76	2.1	3.80	50.6	21
22	9.67	1494	1.20	90	4.06	216	3.31	339	7	5	2	2	.88	194					22
23	9.62	1494	1.20	90	4.06	216	3.31	339	8	2	3	4	.86	188					23
24																			24
25	9.62	1494	1.20	90	4.02	212	3.31	339	8	2	3	4	.84	182					25
26	9.62	1494	1.16	85	4.04	214	3.31	339	8	3	2	3	.84	182	—		3.82	54.0	26
27	9.63	1495	1.16	85	4.04	214	3.31	339	5	4	3	3	.84	182					27
28	9.52 ⑦	1442	1.21	⑧ 87	4.07	⑨ 229	3.31	339	4	4	2	2	.86	188					28
29	9.53	1445	1.24	91	4.16	238	3.31	339	4	4	2	3	.84	182					29
30	9.53	1445	1.30	96	4.12	234	3.31	339					.82	177					30
31		45,752																	31

IWRB00003383

JULY 1988

	No. 14		No. 54		No. 53		No. 56		No. 57		No. 10		No. 11		M.J.B.		Marley		F	S	
	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	GH	Q	Waste	Waste	
	3.49	482	1.30	6	6.24	1059	6.31	583			2.03	66	4.65	230	2.40	121	.28	.17	0	1.59	1
2	3.49	482	1.46	13	6.25	1061	6.29	579			2.20	63	4.53	204	2.25	98	.29	18			2
3													2.20	11	—	—					3
4	3.49	482	1.26	5	6.31	1077	6.31	583			2.24	67	2.00	7	—	—					4
5	3.58	497	1.75	36	6.32	1080	6.37	595			2.18	61	2.08	9							5
6	3.55	492	1.69	30	6.25	1061	6.28	575			2.17	② 56	2.07	8							6
7	3.55	492	1.75	36	6.27	1067	6.30	581			2.14	56	2.07	8							7
8	3.59	499	1.71	31	6.39	1098	6.39	599			2.11	54	1.96	6							8
9	3.60	501	1.69	30	6.42	1106	6.47	615			2.13	55	2.50	② 11							9
10																					10
11	3.59	499	1.66	27	6.41	1103	6.58	622			2.11	54	2.21	5							11
12	3.60	501	1.64	26	6.40	1100	6.50	622			2.09	51	2.29	7							12
13	3.63	506	1.65	26	6.40	1100	6.47	615			2.10	52	2.29	7							13
14	3.66	511	1.63	25	6.40	1100	6.42	605			2.11	54	2.29	7							14
15	3.73	523	1.65	26	6.36	1090	6.37	595			2.11	54	2.27	6.4							15
16	3.66	511	1.57	21	6.31	1077	6.39	599			2.09	51	2.29	7							16
17																					17
18	3.64	508	1.54	18	6.29	1072	6.35	591			2.09	51	2.26	6.4							18
19	3.67	513	1.52	17	6.36	1090	6.33	587			2.06	② 46	2.26	6.4							19
20	3.71	520	1.54	18	6.38	1095	6.35	591			2.10	48	2.30	7							20
21	3.72	521	1.53	17	6.40	1100	6.42	605			2.12	50	2.26	6.							21
22	3.71	520	1.57	20	6.37	1093	6.40	601			2.13	51	2.29	7							22
23	3.65	509	1.59	22	6.38	1095	6.45	611			2.14	52	2.29	7							23
24																					24
25	3.68	514	1.61	23	6.43	1108	6.46	613			2.12	50	2.28	6.8							25
26	3.68	514	1.61	23	6.44	1111	6.46	613			2.16	54	2.29	7.0							26
27	3.68	514	1.60	23	6.45	1113	6.45	611			2.14	52	2.28	6.8							27
28	3.69	516	1.62	24	6.44	② 1125	6.44	609			2.13	② 59	2.27	6.6							28
29	3.59	499	1.59	22	6.47	1134	6.53	629			2.10	56	2.25	6							29
30	3.60	501	1.56	20	6.51	1146	6.55	633			2.09	55	2.36	12	260	154					30
31											2.09	55	4.09	198	276	184					31

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AUGUST 1988

	MAGIC		No. 3		No. 4		No. 5		East		West		Head J.B.		W-1	W-2	E-Spill		No. 48	
1	834.0	1862	364	374	374	224	132	202	1.24	110	1.30	55	67	56						
2	½	Hole	292	144	217	51	116	188		15	1.00		0	15						
3	830.5	1105					.75	40												
4																				
5	831.2	1241																		
6																				
7																				
8	835.5	2246																		
9	836.0	2381																		
10	836.5	2521																		
11	837.0	2664																		
12	837.2	2724																		
13	837.4	2784																		
14	837.8	2904																		
15	838.2	3030																		
16	838.5	3129																		
17	838.8	3228																		
18	839.0	3296																		
19	839.6	3512																		
20	840.1	3699																		
21																				
22	840.7	3936																		
23	841.0	4056																		
24	841.3	4183																		
25	841.6	4312																		
26	841.8	4398																		
27	841.9	4441																		
28	842.0	4484																		
29	842.3	4622																		
30	842.4	4668																		
31	842.6	4760																		
				518		275														

IWRB00003385

* S. Ody main

AUGUST 1988

	No. 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		No. 1		No. 2		
1	9.53	1445	1.50	1.32	4.18	240	3.31	339	7	3	4	5	.82	177					1
2	9.52	1442	1.54	140	4.00	221	3.31	339	8	4	4	5	.81	175			3.78	47	2
3	9.30	1392	1.48	128	4.04	225	3.31	339	8	4	3	3	.85	195					3
4	9.31 (9.30)	1394 (1392)	1.46	125	4.06	227	3.31	339	7	3	3	4	.87	⑤153					4
5	9.31	1394	1.44	121	4.08	229	3.31	339	6	4	0	2	.86	151					5
6	9.36	1392	1.40	114	4.08	229	3.31	339	7	6	1	4	.86	151					6
7	9.30	1392					3.31	339	7	4	2								7
8	9.30	1392	1.38	110	4.04	225	3.31	339	7	4	4	4	.86	151					8
9	9.17	1362	1.34	104	4.06	227	3.31	339	5	4	4	4	.86	151			3.81	52	9
10	9.18	1364	1.28	96	4.00	221	3.31	339	4	4	4	1	.82	142					10
11	9.17	1362	1.24	80	4.00	221	3.36	339	5	4	5	0	.82	142					11
12	9.16	1360	1.24	80	4.00	221	3.31	339	5	6	4	0	.80	137					12
13	9.17	1362	1.28	96	4.06	227	3.31	339	5	6	4	1	.83	149					13
14	9.16	1360					3.31	339											14
15	9.17	1362	1.36	108	4.02	223	3.31	339	7	6	5	4	.86	137					15
16	9.16	1360	1.40	114	4.05	226	3.31	⑥318	5	3	4	4	.78	133	—	—	3.81	52	16
17	9.17	1362	1.34	104	4.08	229	3.31	318	5	2	4	3	.78	133					17
18	8.95 (8.97)	1316	1.38	110	4.08	229	3.31	318	5	3	4	2	.76	129		Y. 3	3.77	45	18
19	8.97	1316	1.24	91	4.00	221	3.31	318	5	3	4	2	.74	125					19
20	8.96	⑦1360	1.26	93	4.04	225	3.31	318	4	4	4	2	.74	125					20
21																			21
22	8.97	1362	1.34	104	4.02	223	3.31	318	5	7	5	4	.73	123					22
23	8.97	1362	134	104	4.02	223	3.31	318	5	6	4	5	.73	123			3.77	45	23
24	8.75	1311	1.24	91	4.00	221	3.31	318	6	4	5	5	.71	119					24
25	8.75	1311	1.20	86	400	221	3.31	318	6	5	5	3	.70	118			3.75	43	25
26	8.75	1311	1.18	84	3.98	218	3.31	318	7	4	4	1	.69	116					26
27	8.75	1311	1.20	86	4.10	232	3.31	318	7	3	2	1	.68	114					27
28	8.75	1311					3.31	318											28
29	8.74	1309	1.34	104	4.16	238	3.31	318	8	4	2	4	.69	116					29
30	8.75	1311	1.34	104	4.16	238	3.29	314	5	3	3	5	.69	116					30
31	8.75	1311	1.28	96	4.10	232	3.31	318	5	3	3	5	.68	114					31

42.089

IWRB00003386

SEPTEMBER 1988

	MAGIC		No. 3		No. 4		No. 5		East		West		Head J.B.		W-1	W-2	E-Spill		No. 48		
1	842.7	4,806																			1
2	842.9	4,898																			2
3	843.1	4,993																			3
4	843.3	5,091																			4
5	843.5	5,191																			5
6	843.7	5,291																			6
7	843.8	5,341																			7
8	843.9	5,391																			8
9	844.1	5,494																			9
10	844.3	5,600																			10
11	844.4	5,653																			11
12	844.6	5,759																			12
13	844.7	5,813																			13
14	8449	5,921																			14
15	845.1	6,032																			15
16	845.2	6,089																			16
17	845.4	6,203																			17
18	845.5	6,260																			18
19	845.6	6,317																			19
20	845.8	6,374																			20
21	845.9	6488																			21
22	846.1	6605																			22
23	846.3	6725																			23
24	846.4	6,786																			24
25	846.6	6,908																			25
26	846.8	6969																			26
27	846.9	7,091																			27
28	847.0	7,152																			28
29	847.1	7,216																			29
30	847.3	7,344																			30
31																					31

IWRB00003387

SEPTEMBER 1988

	No. 60		No. 51		No. 52		No. 15		Main LS		Dry Krall		No. 19		No. 1		No. 2			
	GH	Q	GH	Q	GH	Q	GH	Q	Q	Q	Q	Q	GH	Q	GH	Q	GH	Q		
1	8.75	1311	1.30	99	4.12	234	3.31	318	5	3	4	5	.68	114	2.79	1.24	3.70	35		1
2	8.75	1311	1.26	92	4.18	240	3.31	318	7	3	4	6	.66	114						2
3	8.75	1311	1.32	102	4.16	238	3.31	318	8	5	3		.67	113						3
4																				4
5	8.75	1311					3.31	318	8	4	4	8	.67	113						5
6	8.75	1311	1.44	121	4.8	240	3.31	318	8	5	4	10	.67	113			3.70	35		6
7	8.53 8.75	1256 1311	1.49	130	4.18	244	3.31	318	8	8	4	25	.67	113	2.77	1.2				7
8	8.51	1256	1.49	130	4.18	244	3.31	318	8	6	6	25	.66	111						8
9	8.27 8.28	1206 1203	1.32	102	4.12	234	3.31	318	7	5	5	20	.66	111						9
10	8.28	1203	1.20	86	4.06	227	3.31	318	7	6	5	16	.67	113						10
11													.68	114						11
12	8.28	1190	1.20	86	4.06	227	3.31	318	8	5	6	14	.70	118						12
13	8.28	1190	1.30	99	4.10	232	3.31	318	8	5	6	18	.72	121			3.70	35		13
14	8.28	1190	1.30	99	4.10	232	3.28	312	7	6	5	18	.72	121						14
15	7.82	1090	1.30	99	4.10	232	3.28	312	4	3	6	20	.72	121			3.71	37		15
16	7.82	1090	1.08	73	3.98	218	3.28	312	5	3	6	16	.71	119						16
17	7.34	1000	1.06	71	3.96	216	3.28	312	7	5	6	16	.70	118						17
18	7.38	1000											.70	118						18
19	7.35	994	1.08	73	4.00	221	3.01	256	8	6	10	16	.70	118						19
20	7.35	994	1.06	71	4.02	224	3.16	303	3	6	11	20	.73	123			3.71	37		20
21	7.36	996	1.04	70	4.01	222	3.28	312	7	6	11	20	.71	119						21
22	7.36	996	1.10	75	3.80	199	3.28	312	7	6	11	25	.74	125						22
23	7.34	992	1.10	65	3.80	171	3.25	296	8	6	11	30	.74	125						23
24	7.34	992	1.10	65	3.80	171	3.25	296	7	6	11	30	.73	116						24
25	7.34	1040																		25
26	6.59	890	1.04	62	3.75	167	3.25	296	7	6	12	30	.72	114						26
27	6.58	888	.50	31	3.46	144	3.12	270	3	3	10	22	.71	113						27
28	6.60	892		0	3.32	134	3.16	278	6	4	10	15	.71	113						28
29	6.58	888	40	27	3.22	127	3.20	286	7	5	6	5	.71	113						29
30	6.59	890	.90	51	3.44	143	3.00	247					.71	113						30
31		24,434																		31

IWRB00003388

OCT 1988

	#	60	#	51	#	52	#	14	#	54	#	53	#	56	Magic	
1	6.59	890													847.4	7536
2	6.58	888													847.8	7666
3	6.58	888	.90	51	3.46	144	2.61	337	1.74	31	4.85	1.72	5.66	428	847.9	7731
4	6.59	890	88	50	3.44	143	2.62	338	1.76	33	4.87	6.77	5.68	432	848.0	7796
5	6.59	890	1.06	62	3.30	133	2.62	338	1.78	35	4.87	6.77	5.68	432	848.2	7932
6	6.59	890	1.06	62	3.30	133	2.61	337	1.74	31	4.88	6.79	5.68	432	848.3	8000
7	6.59	890	1.00	58	3.30	133	2.61	337	1.78	35	4.87	6.77	5.68	432	848.4	8068
8	--	Off													848.6	8204
9															848.7	8272
10															848.8	8340
11																
12																
13																
14																
15																
16																
17															848.7	8977
18	Mar 14		865.8	15390				Nov.	-8						852.3	10,983
19								Nov	17						856.5	11,994
20								Nov	29						855.4	13,701
21								Nov	30						855.6	13,989
22								Dec	9							14,947
23								Dec	16						857.4	15,643
24								Dec	19						857.6	15,845
25								Jan	5						859.2	17,520
26								Jan	11						859.8	18,162
27								Jan	16						860.2	18,604
28								Jan	23						860.9	19,388
29								Jan	30						861.2	19,730
30								Feb	1						861.5	20,077
31								Mar	6						863.3	23,459

6,226 March 8

IWRB00003389

1989

IWRB00003390

APRIL

	# 14		# 54		# 53		# 56		# 57		# 10		# 11		MJB		Marley		F S	
1																				
2																				
3.																				
4																				
5											2.94	187								
6											2.90	178								
7											2.87	172								
8																				
9																				
10																				
11																				
12	3.02	352									3.84	330'+	3.71	28						
13	302	352											2.71	28						
14	3.02	352									3.84	330	3.02	53					20	
15																				
16																				
17	2.42	265									3.50	317	3.02	53					15	
18	2.38	259						0.06 P/M.			3.37	289	3.02	53					15	
19	2.80	319			2.40		4.01	193			3.77	416	3.03	54					9	
20	2.77	314	3.00	346	2.74		3.96	175			3.80	426	3.03	54					9.5	
21	2.73	308	2.99	336	3.50		4.68	256	3.90	405	3.77	416	3.03	54					9.	
22	2.69	303	2.97	332	4.38	3.89	5.58	389	2.89	2.79	3.70	392	3.04	55						
23	2.44	268	2.94	318	4.33		5.61	394			3.56	345	3.03	54					6.2	
24	2.44	268	2.94	318	4.33		5.61	394			3.56	345	3.03	54					6.2	
25	2.36	257	2.80	259	4.34	4.35	5.60	392			3.40	297	3.50	108					26.4	
26	1.70	177	2.51	162	4.65	5.00	5.90	443			3.20	244	3.48	104					4	
27	2.32	252	2.40	136	4.97	5.72	5.62	396			3.06	211	3.60	122					7.2	
28	2.10	224	2.06	76	4.89	5.54	5.04	304			2.87	170	3.57	118					25"	
29	3.05	356	1.75	38	4.84	5.42	4.24	199			2.72	140	3.67	133					3.2	
30	3.15	372			5.70	7.72	5.12	316												
31																				

IWRB00003391

APRIL 1989

	No. 60		#51		#52		#15		Main LS		Dry Krall		#19		#1		#2		
	GH	Q	GH	Q	GH	Q	GH	Q					GH	Q	GH	Q	GH	Q	
1																			
2																			
3.																			
4																			
5																			
6																			
7																			
8													1.77						
9																			
10													1.74	410					
11																			
12																			
13																			
14																			
15																			
16																			
17		246											1.56	907					
18	2.83	309											2.56	907	7.09	1190	5.58	588	
19	2.83	309					2.61	219					2.84	1025					
20	2.83	309											3.07	1177					
21	4.85	606											3.22	1240					
22	4.86	608					2.59	215					3.46	1470			6.38	1064	
23	4.86	608					2.57	212											
24	4.86	608	1.80	209	1.88	66	2.56	210					2.77	981					
25	4.85	606	1.85	226	2.06	72	2.35	177					2.53	835	6.01	743	5.76	690	
26	5.85	790	1.113	117	2.42	90	2.11	145					2.34	727					
27	5.86	798	1.52	134	2.42	90	2.56	208					2.21	656					
28	5.86	792	1.30	90	2.38	93	2.45	192					2.11	604					
29	5.83	786	.44	.54	2.30	88	2.95	280					2.04	569					
30																			
31							2.73	238											

IWRB00003392

10 +05 May 1989

	#	14		#	54		#	53		#	56		#	57		#	10		#	11		M	J. B		Marley			F		S		Drains
1	3.10	364		1.36	9		5.64	754		5.19	326					2.55	110		3.62	126								0				
2	3.00	349		1.31	5		5.43	706		4.98	296					2.52	106		2.86	41		2.38	6 05 P.M. 121					0				
3	2.94	340		2.01	68		5.34	679		5.43	348					2.40	88		3.70	138		2.78	192									
4	3.17	375		2.33	122		5.32	673		5.41	360					2.40	88		3.72 3.88	171		2.88	212					10.2		11.1		
5	2.94	340		2.28	113		5.64	769		6.01	463					2.30	76		3.90	175		2.96	230					0		28.3		
6	3.18	377		2.30	117		5.75	807		5.95	452					2.27	73		4.06	209		2.86	208		.60	20		10		0		
7																														56		
8	3.14	370		2.28	113		5.68	782		5.86	437					2.20	65		4.08	213		2.96	230		.60	20		5		63.2		
9	3.14	370		2.12	86		5.94	874		6.01	463					2.20	65		4.06	209		2.82	200		.32	21		3		48		
10	3.21	382		1.98	64		6.12	945		6.03	466					2.16	61		4.20	240		2.74	184		.34	24		10		39		
11	3.26	390		2.01	68		6.26	1002		6.16	491					2.05	51		4.18 C	211		2.74	184		.30	19		8		19.5		
12	3.18	377		1.88	51		6.28	1010		6.25	508					2.10	55		4.18	211		2.72	180		.30	19		10		30		
13	3.42	415		2.09	81		6.37	1051		6.37	531					2.25	70		4.22	220		2.82	200		.38	28		10		70		13
14																														32	22	
15	3.47	423		2.22	103		6.45	1087		6.51	558					2.45	95		4.26	229		2.78	192		.42	38		20		.32	22	13
16	3.58	441		2.33	122		6.49	1103		6.55	568					2.43	92		4.30	238		2.80	196		.44	36		24		.35	25	17
17	3.55	436		2.39	134		6.35	1042		6.49	557					2.60	118		4.28	233		2.80	196		.36	26		24		.38	29	16
18	3.64	450		2.49	157		6.39	1060		6.55	565					2.70	136		4.30	238		2.82	200		.32	21		16		.38	29	18
19	3.63	449		2.52	165		6.40	1064		6.59	573					2.70	136		4.30	238		2.76	188		.36	26		16		.18	9	17
20	3.61	446		2.43	143		6.44	1082		6.54	563					2.37	84		4.28	233		2.76	188		.40	31		24		.35	25	17
21																																
22	3.49	426		2.33	122		6.39	1060		6.46	548					2.30	76		4.28	233		2.76	188		.42	34		24		.33	27	13
23	3.32	C 486		2.25	C 110		6.23	C 965		6.30	C 575					2.26	77		4.26	229		2.76	188		.40	31		20		29	95	16
24	3.19	463		2.15	93		6.10	913		6.17	550					2.25	C 75		4.26	229		2.74	C 186		.36	26		20		29	8	15
25	2.94	423		2.14	91		6.18	945		6.51	618					2.35	86		4.30	238		2.74	186		.40	31		12		.18	7	15
26	2.97	429		2.15	93		6.38	1028		6.65	648					2.26	76		4.30	238		2.80	198		.44	36		12		.22	18	16
27	3.22	468		2.20	101		6.40	1046		6.52	620					2.28	78		4.30	238		2.80	198		.42	34		8		.35	22	27
28																																28
29	3.25	474		2.20	101		6.40	1046		6.55	626					2.27	77		4.38	238		2.84	206		.40	31		5		32	16	16
30	3.23	470		2.15	93		6.44	1056		6.54	624					2.25	75		4.31	240		2.80	198		.34	24		5		29	16	
31	3.23	470		2.14	91		6.41	1042		6.54	624					2.26	76		4.30	238		2.78	194		.32	21						16

IWRB000033987

May 1989

	# 60		# 57		# 52		# 15		Main	L S	Dry	Krall	# 19		# 1		# 2		
1	6.89	1018	1.00	.62	3.16	145	2.73	238					2.06	579					
2	7.01	1022	.76	45	3.06	138	2.73	238	11	3	—	—	8.12	610	537	467	4.68	264	
3	7.01	1022	.80	47	3.22	150	2.73	238	11	3	—	—	2.16	630					
4	7.03	1026	.70	42	3.20	148	2.88	266	8	6	—	—	2.24	672	5.27	448	4.79	310	
5	7.74	1177	1.14	72	3.34	159	2.88	266	5	4	—	—	2.37	744					
6	7.75	1179	1.16	74	358	180	2.98	286	6	6		8	2.54	841					
7	7.76	1181					2.98	286											
8	7.76	1181	1.20	78	370	192	298	286					378	1330	5.26	439	5.84	730	
9	8.27	1298	1.10	69	362	184	3.07	305	7	4	9	12	3.60	1582	5.30	454	6.18	972	
10	8.41	1330	1.12	70	3.80	211	3.07	305	7	4	8	12	3.66	1630					
11	8.42	1332	1.10	69	3.88	211	3.07	305	7	3	10	16	3.76	1710	5.53	544	6.59	1192	
12	8.42	1332	1.19	77	3.90	213	3.06	303	10	4	10	24	3.50	1502					
13	8.42	1332	1.34	94	396	220	3.08	307	8	5	9	24	3.23	1292					
14	8.42	1332																	
15	8.42	1332	1.34	94	3.96	220	3.08	307	10	7	10	30	2.84	1012	5.03	3.26	5.95	740	
16	8.43	1334	1.54	126	4.00	224	3.08	307	12	8	12	30	2.85	1032					
17	8.43	1334	1.58	134	3.90	213	3.08	307	12	8	13	36	2.80	1000					
18	8.42	1332	1.62	143	3.92	215	3.08	307	9	4	12	24	2.89	1057	4.88	274	5.87	700	
19	8.43	1334	1.62	143	3.92	215	3.08	307	9	4	12	30	2.82	1012					
20	8.42	1332	1.56	130	3.86	208	3.08	307	9	4	11	26	2.71	944					
21																			
22	8.43	1334	1.54	126	3.84	206	308	307	8	5	11	16	2.66	913					
23	8.41	©1456	1.30	90	3.80	202	3.07	305	6	6	10	8	2.79	©1000		©		©	
24	8.38	1449	1.20	78	3.78	200	3.00	290	3	4	8	3	2.69	937	464	202	5.65	600	
25	8.39	1452	1.50	119	3.88	211	3.08	307	6	3	4	5	2.55	853					
26	8.62	1505	1.62	143	4.06	230	3.06	307	7	4	5	6	2.41	772					
27	8.64	1510	1.52	119	4.02	226	3.08	307	6	4	6	6	2.32	781					
28	8.64	1510																	
29	8.64	1510	1.56	130	4.04	228	3.08	307	4	7	6	0	2.28	700					
30	8.64	1510	1.58	134	4.04	228	3.07	305	4	6	5	8	2.21	662	4.30	120	5.06	373	
31	8.64	1510	1.54	126	4.02	226	3.07	305	4	11	9	10	2.20	656	4.27	114	4.98	345	

40 1836 40 1

IWRB00003394

June 1989

	#17		#9		#X		#Y		#Z		+ or -		#21		#93		#17X			
1	1.15	75	1.41	.85	2.15	427	2.80	145	.99	89	+	203	3.30	338	3.07	38	4.34	57		
2	1.10	62	1.30	67	2.10	422	2.90	145	1.02	95	+	182	3.26	330	3.05	37	4.34	57		
3.	.95	57	1.25	60	1.95	377	2.80	145	1.02	95	+	152	3.06	289	3.02	36	4.32	55		
4	.83	48	1.22	57	1.93	371	280	145	101	93	+	133	280	239	296	34	4.30	52		
5	.90	53	1.36	77	1.95	377	278	142	101	93	+	162	276	232	300	35	4.30	52		
6	.85	49	1.40	83	1.95	377	280	145	102	95	+	152	289	256	298	35	4.28	50		
7	.65	34	1.34	73	1.86	350	280	145	103	97	+	123	290	258	292	33	4.24	45		
8	.47	24	1.35	75	1.77	323	280	145	101	93	+	85	274	228	300	35	4.26	48		
9	.30	16	1.20	54	1.71	306	280	145	103	97	+	79	253	191	285	31	4.24	45		
10	.15	10	1.12	44	1.68	298	287	161	103	97	+	55	274	145	258	24	4.24	45		
11	.05	dry	1.00	31	1.60	276	2.94	179	1.02	95	+	17	2.08	121	2.39	20	4.22	48		
12	.40	13	.99	30	1.59	273	2.94	179	1.00	91	+	18	1.88	94	3.08	38	4.26	48		
13	.70	27	1.10	41	1.52	254	3.00	196	1.03	97	+	24	1.93	101	3.04	37	4.28	50		
14	.76	39	1.22	57	1.52	265	3.06	215	1.03	97	−	32	1.89	96	3.07	38	4.12	32		
15	.70	27	1.27	63	1.54	260	3.12	235	1.05	101	−	61	2.18	136	3.03	36	4.12	32		
16	.43	14	1.20	54	1.43	232	3.10	228	1.07	105	−	86	1.98	108	3.00	35	4.14	34		
7:14 17	.58	21	1.21	55	1.48	244	3.05	212	1.04	99	−	52	1.32	34	3.10	39	4.18	34		
18	.62	23	1.24	59	1.45	237	3.08	222	1.09	109	−	72	1.53	53	3.13	40	4.20	41		
19	.60	22	1.28	64	1.44	234	3.08	222	1.06	103	−	76	1.55	55	3.13	40	4.18	38		
20	52	18	1.20	54	1.39	222	3.08	222	1.07	105	−	90	1.56	56	3.12	⑨ 39	4.18	⑨ 26		
21	54	18.5	1.07	38	1.40	224	3.05	212	1.04	99	−	72	1.30	33	3.11	38	4.18	26		
22	57	20	1.18	51	1.38	220	3.00	196	.98	87	−	50	1.24	29	3.14	39	4.18	26		
23	44	14	1.38	80	1.45	237	3.04	209	1.01	93	−	50	1.36	37	3.10	38	4.18	26		
24	.80	33	1.27	63	1.56	265	3.05	212	1.05	101	−	93	⑧ 3.80	71	3.12	39	4.24	32		
25	1.13	58	1.24	59	1.58	270	3.08	222	1.04	97	−	34	2.01	197	3.11	38	4.24	32		
26	1.10	56	1.25	61	1.64	287	3.08	222	1.05	101	−	21	2.10	109	3.14	39	4.24	32		
27	.90	40	1.23	58	1.60	276	3.08	222	1.07	105	−	34	213	113	3.10	38	4.24	32		
28	.74	29	1.17	50	1.49	247	3.08	222	1.07	105	−	65	1.75	66	3.08	37	4.22	30		
29	.66	25	1.17	50	1.43	232	3.12	235	1.06	103	−	91	1.41	33	3.08	37	4.22	30		
30	.69	26	1.17	50	1.53	257	3.12	235	.95	82	−	45	1.30	25	3.05	36	4.22	30		
31																				

IWRB00003395

Dick Carl - Miner = 432 - 5423

Ralph 487 - 23 11

June 1989

	Magic		#3		#4		#5		East		West		Head	T.B.	W-1	W-2	E. Spill		#48	
1	922.7	147,923	4.58	831	5.33	537	2.15	289	2.34	240	2.43	131	1.05	122	15	3	9			
2	922.5	147 189	4.58	831	5.33	537	2.16	293	2.30	236	2.41	130	1.09	116	10	3	7		3.19	247
3	922.1	145932	4.58	831	5.34	539	2.20	310	2.34	240	2.48	135	.96	104	8	2	10			
4	921.9	145,307	4.59	838	5.35	541	2.23	326	2.43	252	2.53	139	.96	104	12	3	10			
5	921.7	144,689	4.59	838	5.36	544	2.25	333	2.42	251	2.52	139	96	104	12	3	10		3.25	256
6	921.5	144,071	4.59	838	5.36	544	2.21	315	2.42	251	253	139	96	104	13	3	10			
7	921.3	143453	4.62	857	5.40	552	2.22	320	2.42	251	253	139	96	104	13	3	10		3.26	258
8	921.2	143.144	4.58	8.31	5.39	550	2.18	302	2.40	248	2.64	148	.92	97	13	6	9		3.24	288
9	921.1	142.835	4.60	844	540	555	218	324	2.40	248	264	148	.92	97	16	6	6		3.24	288
10	921.2	143,144	4.66	883	5.56	590	2.16	315	2.40	248	264	148	1.07	126	13	6	5			
11	921.1	142,835	4.66	883	5.56	590	2.16	315	2.40	248	2.64	148	1.07	126	10	6	6			
12	921.0	142 526	4.68	896	5.57	592	2.15	310	2.41	249	2.65	149	1.07	126	10	6	6		3.25	290
13	921.0	142526	4.70	909	5.58	594	2.14	306	2.41	249	2.65	149	1.07	126	10	8	6			
14	920.9	142 233	4.70	909	5.59	596	2.14	306	2.37	244	2.63	147	1.05	122	10	8	4		3.15	274
15	920.8	141920	4.78	962	5.78	638	2.15	310	2.48	258	2.68	146	1.10	132	12	4	6		3.17	277
16	920.7	141627	4.82	990	5.87	659	2.15	310	2.54	266	2.64	148	1.17	147	12	11	10		3.17	277
17	920.6	141,214	4.86	1017	5.87	663	2.18	324	2.52	264	2.64	148	1.16	145	14	12	10			
18	920.5	141.011	4.86	1017	5.91	664	2.16	315	2.52	264	2.64	148	1.16	145			10			
19	920.4	140.708	4.86	1017	5.91	668	2.20	333	252	264	2.63	147	1.16	145	14	12	10		3.20	282
20	920.2	140,102	4.86	1017	5.97	680	2.14	306	2.54	266	2.65	149	1.17	147	13	7	11			
21	919.9	139,201	4.86	1017	5.92	669	2.21	338	2.50	261	262	147	1.15	143	13	4	16		3.25	290
22	919.6	138,310	4.92	1058	5.97	680	2.29	378	2.50	261	2.62	147	1.15	143	16	4	9			
23	919.3	137.420	4.88	1031	5.93	671	2.20	333	2.48	258	2.58	143	1.13	139	12	4	7		3.27	293
24	919.0	136.532	4.88	1031	5.93	671	2.21	338	2.46	256	251	138	1.12	136	12	9	10			
25	918.6	135,569	4.88	1031	5.99	685	2.17	306	2.46	256	2.51	138	1.12	136	12	9	11			
26	918.1	133,919	4.88	1031	5.96	678	2.19	328	2.44	253	2.50	137	1.11	134	12	9	10		3.26	292
27	917.6	132,493	4.88	1031	5.99	685	2.19	328	2.45	255	2.51	138	1.12	136	13	9	9			
28	917.1	131,073	4.88	906	6.00	687	2.21	338	2.45	255	2.51	138	1.12	136	9	3	7		3.27	293
29	916.6	129 665	4.88	906	6.01	690	2.24	352	2.42	251	2.50	137	1.10	132	8	2	7			
30	916.1	128,263	4.92	936	6.22	629	2.23	320	2.50	261	2.53	139	1.15	143	7	2	11		3.40	302
31																				

7936.931

IWRB00003396

July 1989

	#60		#51		#52		#15		Main L.S.		Dry Krall		#19		#1		#2		#16	#18
1	9.48	1546	1.40	116	4.10	230	3.32	370	3	4	2	4	1.99	589						
2																				
3.	9.60	1574	1.38	112	4.10	230	3.32	370	3	2	2	—	1.98	559						
4	9.52	1555	1.44	123	4.06	226	3.32	370	2	2	3	4	1.88	544			4.15	110		
5	9.57	1567	1.44	123	4.06	226	3.31	367	2	2	2	4	1.87	540						
6	9.81	1625	1.44	⑤ 98	4.08	⑤ 221	3.32	⑤ 332	0	0	1	0	1.83	520	3.12	11.1	4.21	123		
7	9.81	1625	1.42	96	4.08	221	3.34	336	0	1	0	0	1.80	506					4½	36
8	9.81	1625	1.46	102	4.10	223	3.35	338	0	0	1	1	1.74	478	3.08	8	3.89	76	7	70
9									—	—	—	—	1.70	459						
10	9.79	1620	1.50	108	4.11	224	3.36	341	3	1	1	4	1.66	471					.7"	71
11	9.85	1591	1.50	108	4.11	224	3.36	341	0	0	0	7	1.63	428	2.95	5.4	4.05	88	.8"	87
12	9.83	1586	1.40	93	4.04	216	3.39	348	3	2	0	4	1.53	385						
13	9.85	1591	1.44	98	4.08	221	3.40	350	4	3	0	4	1.62	424	2.90	4.0	4.02	82	8"	87
14	9.82	1584	1.44	98	4.08	221	3.43	358	5	4	0	4	1.57	402					8"	87
15	9.81	1582	1.44	98	4.08	221	3.41	353	6	5	1	4	1.53	385					8"	87
16	9.85	1591	1.40	93	4.10	223	3.41	353	—	—	—	—	1.62	381					8"	87
17	9.79	1577	1.44	98	4.14	227	3.41	353	8	6	1	6	1.47	360					9	104
18	9.79	1577	1.40	93	4.14	227	3.38	346	5	6	4	6	1.39	328			3.99	76	9"	104
19	9.79	1577	1.34	86	4.10	223	3.38	346	8	7	3	4	1.36	316					8"	87
20	9.78	1574	1.40	93	4.12	225	3.38	346	5	5	3	4	1.30	293	2.85	3.0	3.75	35	8"	87
21	9.79	1577	1.42	96	4.12	225	3.38	346	4	5	4	4	1.28	286					8	
22	9.78	1574	1.36	89	4.08	221	3.38	346	5	5	4	5	1.							
23													1.1	2.1						
24	9.77	1572	1.54	114	4.20	234	3.38	346	8	5	3	6	1.21	261					9"	104
25	9.74	1565	1.50	108	4.18	232	3.36	341	5	6	4	6	1.17	247			3.81	44	9"	104
26	9.75	1567	1.46	102	4.17	230	3.36	341	5	6	4	7	1.17	247					9"	104
27	9.80	1579	1.40	93	4.16	229	3.36	341	6	7	3	7	1.20	257	2.87	3.3	3.83	47.4	9"	104
28	9.79	1577	1.44	99	4.18	232	3.36	341	7	7	4	7	1.13	240					9"	104
29	9.79	1577	1.46	102	4.19	233	3.33	334	9	5	3	7	1.15	240					8"	87
30	9.79	1577											1.08	219						
31	9.80	1579	1.56	117	422	236	3.33	334					1.04	205						

49.46

Separated

IWRB00003397

July 1989

	Magic		#3		#4		#5		East		West		Head	J.B.	W-1	W-2	E Soil		#48	
1	49[15.6]	126,874	4.90	922	6.24	605	2.23	306	2.51	262	2.54	140	1.15	143	10	4	12		3.40	302
2	49[15]	125,489	4.90	922	6.25	607	2.24	310	2.50	261	2.54	140	1.15	143	9	4	7			
3	49[14.5]	123,842	4.90	922	6.26	610	2.25	315	2.49	260	2.54	140	1.14	141	9	4	5		3.35	293
4	914.0	122,475	4.88	909	6.32	623	2.22	302	2.54	266	2.53	139	1.15	143	4	3	6			
5	913.5	121,122	4.87	903	6.36	632	2.21	297	2.55	268	2.53	139	1.15	143	2	2	6		3.36	295
6	912.9	119,505	4.90	922	6.41	643	2.30	338	2.54	266	2.53	139	1.15	143	2	2	5			
7	912.2	117,636	4.90	922	6.50	663	2.25	315	2.61	275	2.57	143	1.15	143	0	0	7			
8	911.6	116,047	4.88	909	6.55	675	2.26	320	2.61	275	2.57	143	1.14	141	5	2	7			
9	910.8	113,947	4.88	909	6.60	686	2.30	338	2.59	273	2.56	142	1.13	139	6	2	5			
10	910.2	112387	4.90	922	6.61	688	2.33	352	2.58	272	2.55	141	1.12	136	6	2	4		3.51	320
11	909.6	110829	4.90	922	6.73	706	2.27	324	2.62	277	2.57	143	1.13	139	3	3	7			
12	908.8	109046	4.90	922	6.60	716	2.27	324	2.69	286	2.59	144	1.05	122	6	3	11		3.45	293
13	908.2	107273	4.88	909	6.16	659	2.18	286	2.64	279	2.58	143	1.28	172	6	3	24			
14	907.3	105017	4.90	922	6.16	659	2.22	302	2.56	269	2.60	145	1.30	177	24	6	15		3.28	282
15	906.7	103,577	4.90	922	6.15	656	2.24	310	2.66	282	2.54	140	1.26	168	14	8	9			
16	905.6	101,387	4.84	883	6.01	625	2.26	320	2.59	273	2.53	139	1.15	143	6	2	7			
17	905.1	99.616	4.84	883	6.01	625	2.26	320	2.57	270	2.51	138	1.14	141	3	1	7		3.47	307
18	904.5	98,173	4.80	1024	6.07	652	2.21	347	2.58	272	2.53	139	1.14	141	6	3	7			
19	903.8	96,503	4.80	1024	6.04	645	2.21	347	2.55	268	2.51	138	1.12	136	6	1	4		3.27	274
20	903.1	94,851	4.80	1024	6.03	643	2.23	358	2.51	262	2.49	136	1.10	132	4	4	2			
21	902.4	93,217	4.80	1024	6.05	647	2.23	358	2.53	265	2.50	137	1.11	134	3	3	3		3.27	274
22	901.5	91,138	4.80	1024	6.09	656	2.22	352	2.48	258	2.50	137	1.09	130	3	3	1.4			
23	900.8	89551	4.84	1051	6.15	670	2.26	373	2.53	265	2.52	139	1.11	134	5	3	1.4			
24	900.1	87,595	4.84	1051	6.07	652	2.34	416	2.53	265	2.45	125	1.07	126			2		3.49	317
25	899.3	86,174	4.84	1051	6.16	672	2.26	373	2.55	268	2.49	136	1.09	130	7	7	1.4			
26	898.6	84,629	4.84	1051	6.21	684	2.25	363	2.58	272	2.53	139	1.11	134	5	6	1.4		3.48	314
27	897.7	82,667	4.84	1051	6.20	682	2.26	373	2.55	268	2.53	139	1.07	126	4	1	0			
28	896.9	80,988	4.84	1051	6.14	668	2.30	389	2.54	266	2.48	135	1.03	118	3	0	2		3.47	307
29	896.3	79,669	4.83	1044	6.28	700	2.26	373	2.56	269	2.51	138	1.04	120	2	2	4.8			
30	895.3	77,566	4.85	1058	6.21	684	2.32	400	2.50	261	2.43	131	1.03	118	4	1	6.4			
31	894.6	76,111	4.84	1051	6.23	688	2.30	389	2.49	260	2.44	132	.99	110	4	1	5.8			

3x104-971

LWRB00003398

Aug 1989

	# 60		# 51		# 52		# 15		Main	2.S.	Dry	Krall	# 19		# 1		# 2		#16
1	9.74	1565	1.61	.126	4.24	238	3.29	325	10	3	7	8	1.10	225	2.76	1.3	3.84	79	10
2	9.53 9.56	1514 1522	1.54	114	4.22	236	3.29	325	8	3	8	15	1.07	216					9
3.	9.54	1517	1.55	116	4.22	236	3.28	323	4	3	7	15	1.04	208	2.85		3.79	41	10
4	9.55	1519	1.55	116	4.18	232	3.30	327					1.01	200	—				
5	9.52	1512					3.30	327							—				
6	9.55	1549					—	—							—				
7	9.54	1517	1.54	114	4.10	223	3.30	3.27	7	4	7	14	0.96	188	—				9"
8	9.51	ⓒ 1526	1.47	103	4.11	224	3.30	3.27	8	7	8	—	0.95	185	—		3.72	31	9."
9	9.29	1476	1.52	110	4.14	227	3.30	327	7	4	7	12	0.97	ⓒ 182	ⓒ 2.73	1.60	3.75	ⓒ 79	10"
10	9.28	1472	1.60	125	4.14	227	3.30	327	7	7	6	12	0.96	180	2		376	84	10"
11	9.28	1472	1.61	126	4.14	227	3.30	327	5	5	3	10	.96	180					10"
12	9.28	1472	1.64	130	4.20	234	3.30	327	9	6	2	10	.94	175					9"
13																			10"
14	9.20	1454	1.64	130	4.18	232	3.30	327	8	5	3	10	.91	167					
15	9.16	1445	1.48	104	4.16	229	3.30	327	10	7	6	12	.90	165			375	80	9"
16	9.19	1452	1.50	106	4.14	227	3.30	327	9	5	6	6	89	162					10"
17	9.19	1452	1.50	117	4.18	232	3.30	327	9	4	7	5	.88	160	2.73	1.60	371	72	10"
18	9.19	1452	1.55	116	4.18	232	3.30	327	8	3	5	4	.88	160					10"
19	9.20	1454	1.54	114	4.16	229	3.30	327	8	2	5	5	.93	172					10"
20																			
21	9.20	1454	1.56	117	4.18	232	3.30	327	8	1	5	5	.93	172					9
22	9.21	1458	1.38	91	4.08	224	3.30	327	7	3	6	7	90	165			367	64	10
23	9.12	1436	1.40	ⓒ 84	4.08	ⓒ 234	3.30	ⓒ 350	8	2	5	5	.90	165	2.81	2.3	362	56	10
24	8.90	1385	1.52	98	4.11	237	3.30	350	7	3	2	5	1.00	190					10
25	8.89	1383	1.48	93	4.10	236	3.30	350	8	4	5	5	1.02	195					10
26	8.90	1385	1.54	102	4.08	234	3.30	350	10	7	5	7	1.03	197			372	74	10
27																			
28	8.90	1385	1.48	93	4.10	236	3.30	350	10	6	8	10	.96	180					10
29	8.90	1385	1.46	91	4.08	234	3.30	350	7	6	7	10	.95	177			372	74	10
30	8.47	1286	1.40	84	4.02	227	3.30	350	6	7	7	4	92	170					10
31	8.44	1279	1.22	66	3.94	218	3.29	348	6	7	7	5	.90	165					

44 9 43

IWRB00003399

Aug 1989

	Magic		#3		#4		#5		East		West		Head	J.B.	E. Spill	W-1	W-2		#48	
1	893.8	74,459	4.84	1051	6.26	695	2.28	378	2.48	246	2.40	134	100	112	14	6	4			
2	892.9	72,618	4.84	1051	6.34	618	2.27	347	2.48	246	2.42	135	100	112	5.2	3	3		3.55	303
3.	892.3	71,195	4.84	1051	6.39	629	2.25	338	2.46	243	2.41	135	100	112	5.8	4	3			
4	891.5	69,788	4.84	1051	6.37	625	2.26	342	2.44	240	2.40	134	1.04	120	6	6	8		3.57	307
5	890.5	67783	4.84	1051	6.32	614	2.23	328	2.47	243	2.34	129	1.01	120	6	7	9			
6	889.4	65595	4.84	1051	6.39	629	2.24	333	2.43	239	2.36	131	1.01	114	7.6	6	9			
7	888.7	64240	4.84	1051	6.42	636	2.22	324	2.46	243	2.41	135	1.01	114	7.6	6	9		3.47	290
8	888.0	62831	4.82	1037	5.77	554	2.11	278	2.38	232	2.39	133	1.26	168	14.0	6	8			
9	887.2	61068	4.85	870	5.44	535	2.23	328	2.29	221	2.34	129	1.23	161	7.0	16.0	7.0		3.67	324
10	886.3	59513	4.84	863	5.63	529	2.24	333	2.34	237	2.36	131	1.10	132	2.4	6.0	7.0			
11	885.4	57775	4.88	890	5.65	533	2.24	333	2.44	240	2.44	137	1.01	114	5.8	3.0	7.0			
12	884.7	56434	4.86	876	5.64	531	2.22	324	2.46	243	2.44	137	1.01	114	5.2	6.0	9.0		3.67	324
13	883.7	54,534	4.85	870	5.64	531	2.22	324	2.47	244	2.42	135	1.01	114	6.4	6	9			
14	882.8	52.843	4.85	870	5.65	533	2.19	310	2.42	238	2.43	136	1.02	116	6.4	6	9		3.65	320
15	881.9	51,171	4.84	863	5.67	537	2.16	297	2.42	238	2.43	136	1.02	116	8	5	8			
16	881.0	49,515	4.88	890	5.61	524	2.20	315	2.40	236	2.42	135	1.01	114	8.5	6	10		3.77	341
17	880.0	47,697	4.88	890	5.61	524	2.20	315	2.40	236	2.43	136	1.01	114	7	7	9			
18	879.2	46,265	4.86	876	5.59	520	2.18	306	2.40	236	2.43	136	1.00	112	7	6	4		3.75	337
19	878.3	44,673	4.88	890	5.55	512	2.20	315	2.38	232	2.42	135	.98	108	6	7	4			
20	877.2	42,757	4.88	890	5.65	533	2.14	289	2.49	247	2.49	141	.98	108	5.2	6	4			
21	876.1	40,879	4.87	883	5.64	531	2.13	286	2.50	248	2.41	135	1.01	114	5.8	6	4		3.25	235
22	875.3	39,540	4.88	890	5.67	537	2.14	289	2.50	247	2.43	133	.99	110	3.2	7	4			
23	874.4	38,056	4.84	863	5.57	516	2.16	297	2.47	243	2.40	131	.97	106	3.	6	4		3.69	248
24	873.4	36,444	4.88	890	5.61	568	2.20	338	2.52	249	2.42	132	.97	106	4.2	5	4			
25	872.4	34868	4.86	876	5.60	566	2.19	333	2.52	249	2.42	132	.97	106	6.2	10	4		3.76	252
26	871.4	33,328	4.83	857	5.58	562	2.17	324	2.52	249	2.42	132	.97	106	8.6	11	4			
27	870.3	31,677	4.84	863	5.47	544	2.03	263	2.54	253	2.43	133	.98	108	18.6	10	3			
28	869.2	30,073	4.82	850	5.58	562	2.17	324	2.54	253	2.43	133	.98	108	7.6	10	3		3.71	244
29	868.1	28,510	4.82	850	5.52	555	2.18	328	2.52	249	2.42	132	.97	106	11	10	5		3.75	250
30	866.9	26,859	4.80	838	5.49	548	2.17	324	2.50	247	2.42	132	.96	104	11	14	7		3.70	242
31	865.7	25,259	4.76	812	5.44	537	2.15	315	2.44	239	2.40	131	.95	102	10.6	13	7			

IWRB000003400

September 1989

-44-28

	# 14		# 54		# 53		# 56		# 57		# 10		# 11		M.T.B.		Marley		#	S.	
1	3.57	4.96	1.97	48	6.52	940	6.14	562			2.20	76	4.96	192	2.88	176	.36	26	15	32-15	3
2	3.56	4.94	1.92	43	6.55	953	6.15	563			2.18	74	4.88	179	2.76	154	.33	19	17		4½
3																					
4	3.28	4.47	1.64	20	6.56	965	6.30	593			2.14	69	2.80	0	0	0	.14	0	15		
5	3.35	456	1.80	32	6.57	961	6.31	595			2.13	68	2.80	0	0	0	0	0	0		
6	3.25	442	1.48	10	6.56	957	6.30	593			2.12	67	2.80	0	0	0	0	0	0		
7	3.26	444	1.51	12	6.58	965	6.30	593			2.16	72	2.70	10	0	0	0	0	0		
8	3.19	433	1.61	18	6.63	985	6.45	624			2.14	74	2.66	10.4	0	0	0	0	0		
9	3.16	428	1.55	14	6.64	989	6.47	629			2.16	72	2.67	104						80-83	
10											2.16	72									10
11	3.26	444	1.70	24	6.78	1046	6.58	653			2.16	72	4.85	2.92	2.64	134	.32	21	24	86-94	
12	3.47	479	1.73	26	6.79	1056	6.40	613			2.18	74	4.78	2.78	2.64	134	.36	26	24	70-	8
13	3.46	477	1.79	31	6.59	969	6.30	593			2.18	74	4.78	278	2.62	130	.34	24	24	38-21	
14	3.40	467	2.00	51	6.58	965	6.39	611			2.18	74	4.80	282	2.74	151	.40	31	26	20-6	
15	3.44	474	2.05	58	6.58	965	6.41	615			2.18	74	4.67	252	2.74	151	.40	31	22	20-6	
16	3.42	470	2.07	60	6.54	949	6.41	615			2.19	75	4.65	247	2.68	140	.36	26	30	36-18	
17																					
18	3.37	462	2.09	63	6.38	885	6.29	591			2.24	81	4.54	222	2.70	144	.36	26	30	38-21	
19	3.36	460	2.18	76	6.28	849	6.25	583			2.33	92	4.44	200	2.70	144	.28	17	20	28-11	
20	3.36	460	2.20	79	6.26	842	6.24	581			2.33	92	4.42	196	2.70	144	.26	16	20	20-6	
21	3.24	441	2.10	64	6.18	814	6.07	548			2.34	94	4.44	200	2.60	127	.30	19	20	38-21	
22	3.23	439	2.14	70	6.05	769	6.07	548			2.30	88	4.40	189	2.54	118	.30	19	18		
23	3.20	434	2.08	61	6.08	779	6.06	546			2.30	88	4.34	179		color 2490	.20	11	18		
24																					
25	2.97	398	1.87	38	6.03	763	5.87	510			2.27	84	3.11	30							
26	2.97	398	1.42	8	6.01	757	5.88	512			2.26	83	2.66	19						18'Ave	
27	3.01	404	1.59	16	6.02	760	591	518			2.25	82	2.89	30							
28	3.02	406	1.53	13	6.03	763	592	520			2.27	84	2.89	30							
29	3.01	404	1.51	12	6.05	769	5.91	510			2.26	83	2.90	31						88"	
30																					
31																					

IWRB00003401

September 1989

	# 60		# 51		# 52		# 15		Main L.S.		Dry Krall		# 19		# 1		# 2		# 16	
	8.44	1279	1.16	62	3.92	216	3.30	350	4	4	8	3	.89	162					10	
2	8.44	1279	1.20	64	3.94	218	3.30	350	5	6	7	3	.88	160					9	
3							3.30	350												
4	8.44	1279	1.26	69	3.88	212	3.30	350	5	5	1	-	.90	165					5	
5	8.42	1275	1.20	64	4.02	127	3.30	350	7	4	2	2	90	165					6	
6	8.42	1275	1.22	66	4.00	225	3.30	350	8	4	3	5	.90	165					6	
7	8.42	1275	1.22	66	4.00	225	3.30	350	8	6	2	7	.90	165	2.87	3.5	3.67	64.5	7	
8	8.42	1275	1.20	64	3.99	224	3.30	350	8	5	3	8	.89	162					5	
9	8.42	1275	1.26	69	4.02	227	3.30	350	9	6	2	8	.89	162					6	
10	8.42	1275					3.30	350					.89	162						
11	8.42	1275	1.70	128	4.24	252	3.30	350	8	3	7	10	.86	155					5	
12	8.42	1275	1.70	128	4.10	236	3.26	341	8	6	6	12	.84	151			3.65	61	7	
13	8.10	1201	1.60	110	4.08	234	3.26	341	7	4	8	13	.85	153					7	
14	8.10	1201	1.38	92	3.92	216	3.26	341	6	4	7	14	.85	153					7	
15	8.10	1201	1.44	89	3.96	218	3.26	341	7	6	9	20	.85	153					6	
16	8.10	1201	1.57	106	3.98	223	3.26	341	8	7	8	20	.84	151					7	
17																			7	
18	7.74	11.20	1.54	102	3.96	218	3.26	341	9	7	9	20	1.05	202					7	
19	7.74	1120	1.50	96	3.88	212	323	334	10	8	9	24	.95	167			3.71	72	8	
20	7.74	1120	1.52	98	3.74	197	3.23	334	5	5	8	20	.90	165					8	
21	7.49	1069	1.62	114	3.78	201	3.23	334	9	6	10	20	.89	162					7	
22	7.49	1069	1.52	98	3.74	197	3.23	334	10	6	8	20	.87	158	2.82	© 2.9	3.69	© 63	7	
23	7.49	1069	1.40	84	3.70	193	3.23	334	10	7	7	20	.86	© 144					7	
24									10	7	9	22							4	
25	7.49	1069	1.16	62	3.60	183	3.21	329	10	7	10	29	.83	137						
	7.49	1069	1.10	57	358	181	3.21	329	10	7	10	20	.82	135					4	
27	7.49	1069	1.16	62	3.50	174	3.23	334	9	6	9	20	.81	133					4	
28	7.49	1069	1.18	63	3.50	1.74	3.23	334	9	4	11	22	.87	146					4	
29	7.49	1069	1.50	96	3.10	1.42	323	334	10	4	10	22	.83	137					4	
30			1.30	73	3.56	155	3.23	334												
31		35597																		

IWR300003402

October 1989

	Magic		Waste	
2	842.0	4484		
3				
4	842.9	4898	3.5"	4'
5			2.25	2.2
6			1.25	.8
7			1.5	2.6
8			2	1.8
9	1444	5653		
10	8444	5867		
11				
12				
13	845.5	6,260		
14				
15				
16	846.2	6665		
17				
18				
19				
20				
21				
22				
23	848.7	8,272		
24				
25				
26	849.5	8833		
27	849.7	8977		
28				
29				
30				
31	850.8	9795		

IWRB00003403

Nov. 1989

	Magic		# 4		# 5		# 3		East		West		T+B		# 48		# 5		#		
	8518	10579																			1
2																					2
3																					3
4																					4
5																					5
6																					6
7	8520	10737	3.62	200	2.12	297	4.23	500	1.68	1.63	1.45	59	.60	46	284	187	2.24	416	4.00	2.67	7
8	8505	9568	4.00	267	2.24	416	4.08	612		40		50		30							8
9	8419	8618	210	40	2.16	373	3.60	378	94	74		54	0	9	284	187					9
10	8467	8272	3.15	140	204	274	3.60	378													10
11	8481	8068	26	69.AF	used		-	off	4:00	PM	on	10	th								11
12																					12
13																					13
14	8494	8696																			14
15																					15
16	8499	9121																			16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
	8528	11,398																			
27															41.7	cfs	Ave.	Waste.			27
28																					28
29																					29
30																					30
31	8534	11908						1868													31

1726.04 = Per day Ave
From Magic

IWRB00003404

1990

IWRB00003405

April 1990

	#15		Main L.S.		Dry Krall		#15		Main L.S.		Dry Krall		#16		#19		#1		#2		
	#60		#51		#52																
1																	4.44	349	3.24	356	1
2		400											1		1.32	282					2
3	3.81	461													1.52	360					3
4	3.68	439													1.62	398					4
5	3.46	411													1.62	c 398					5
6	3.45	410	1.52	132											1.63	398					6
7		-10													1.64	402					7
8	4.73	611													1.59	381					8
9	5.04	667	1.02	70	1.72	62	2.17	162							1.59	381					9
10	5.06	653	1.30	96	.94	15?	2.16	161	30	10					1.55	364					10
11	5.04 c	649	1.82	153	1.24	53	2.57	214	20	20			3"	20	1.59	381					11
12	5.06	653	1.60	128	1.54	59	2.55 c	234	20	9	15	0	3"	20	1.60	385	4.15	113	4.44	195	12
13	5.04	649	1.58	126	1.54	59	2.55	234	20	12	15	0	3"	20	1.59	381					13
14	5.04	649	1.22	89	2.20	73	1.55	134	25	5	15	—	3	20	1.62	393					14
15	5.94	818									15				1.74	450					15
16	6.00	830	1.52	119	2.26	76	2.67	239	15	5	10	12	5"	57	1.85	496					16
17	6.04	838	1.10	77	2.66	98	2.67	239	10	3	10	10	5"	57	1.86	501	3.89	80	4.69	247	17
18	6.01	832	1.00	68	2.62	95	2.66	237	5	4	11	0	5"	57	1.86	501					18
19	7.36	1136	.30	17	3.08	127	2.64	234	5	2	10	7	1"	4	1.78	464					19
20	7.31	1125	.46	27	3.10	129	2.47	207					0"	0	1.79	469					20
21	7.81	1203					2.75	251	4	2	12	16	5	57	1.83	487					21
22	7.82	1206													2.13	636					22
23	7.82	1206	.84	55	3.28	144	2.78	256	5	3	10	10	7	72	2.12	630					23
24	7.84	1210	.82	53	3.28	144	2.79	257	10	4	10	8	8	87	2.05	594					24
25	7.84	1210	.79	51	3.24	140	2.80	259	14	6	11	8	9	103	1.88	511					25
26	7.84	1210	.88	58	3.28	144	2.80	259	15	7	10	8	8	87	1.85	496	3.93	84	4.24	262	26
27	7.84	1210	.86	57	3.28	144	2.80	259	14	3	10	8	8	87	1.75	450					27
28	7.82	1206	1.00	68	3.30	145	2.85	267	15	5	8	12	8	87	1.91	525					28
29																					29
30	7.83	1208	1.10	77	3.34	149	2.85	267	13	4	6	14	9	103	1.76	455					30
31	Total	29,699																			31

IWRB00003406

April 1990

	Magic		# 3		# 4		# 5		East		West		Head T.B.		E. Spill		W-2		# 48		
1																					1
2	882.9	51,727																			2
3	882.6	52,471																			3
4																					4
5	883.1	53,305																			5
6	883.4	53,969																			6
7																					7
8																					8
9	884.1	55,291																			9
10	884.6	56,243																			10
11	885.1	57,199																			11
12	885.5	58,161																			12
13	885.9	59,547																			13
14	886.1	59,126																			14
15																					15
16	886.7	60,290																			16
17	887.1	61,068																			17
18	887.4	61,655																			18
19	887.8	62,439																			19
20	888.1	63,028																			20
21	888.4	63,619																			21
22																					22
23	889.3	65,397																			23
24	889.6	65,991																			24
25	890.0	66,787																			25
26	890.4	67,583																			26
27	890.8	68,383																			27
28	891.1	68,983																			28
29																					29
30	892.1	70,995																			30
31																					31

IWRB00003407

May 1990

	Mayic		#3		#4		#5		East		West		Head JB		E. Spill		W-2 W-1		48		
1	892.5	71,806																			1
2	892.8	72,415																			2
3	892.1	73,025																			3
4	893.4	73,639																			4
5	893.7	74,254	3.89	500	3.58	200	1.96	298													5
6	893.4	73,639	3.90	505	3.80	233	2.08	346											2.55	155	6
7	893.1	73,076	390	505	4.24	309	1.78	234	.65	.66	.75	34	1.30	171							7
8	892.7	72,212	4.40	792	5.34	524	1.97	302	1.98	197	1.94	94	1.39	200	21				2.84	.187	8
9	892.1	70,995	4.46	829	5.11	476	2.11	359	1.82	177	2.00	99	1.27	170	5	30	35		3.05	©222	9
10	891.9	69,788	446	829	5.11	©522	2.11	©261	2.10	©204	2.05	©105	1.13	139	10	18	10				10
11	890.9	68,583	4.45	823	5.13	526	2.08	250	2.18	215	2.04	105	1.08	128	5	20	5		307	221	11
12	890.3	67,364	446	829	513	526	208	250	2.32	233	2.24	120	1.02	116	5	8	5				12
13	889.5	65,793	4.54	879	5.34	566	2.11 2.06	244	2.40	244	2.30	125	1.09	130	9	10	5				13
14	888.9	64,605	4.52	866	5.18	537	2.14	272	2.31	230	2.24	120	1.02	116	3	10	5				14
15	888.1	63,028	4.54	879	5.27	557	2.14	272	2.36	238	2.30	125	1.05	122	5.2	20	—		3.19	238	15
16	887.3	61,459	4.54	879	5.37	572	2.12	264	2.43	248	2.35	129	1.09	130	9	20	—		3.13	230	16
17	886.5	59,901	455	885	5.32	562	2.15	275	2.40	244	2.34	129	1.04	120	7.6	22	-				17
18	885.8	58,547	4.55	885	5.31	560	2.15	275	2.40	244	2.34	129	1.04	120	9	20	—		3.14	237	18
19	884.9	56,918	4.50	854	5.21	544	2.12	264	2.36	238	2.30	125	1.00	112	7.6	21	—				19
	884.2	55,481	4.55	885	5.31	564	2.14	272	2.39	242	2.31	126	1.03	118	8.6	19	—				20
21	883.4	53,969	4.54	879	5.29	560	2.13	268	2.38	241	2.30	125	1.01	114	7.6	19	—		3.13	230	21
22	882.7	52,657	4.54	879	5.26	555	2.13	268	2.36	238	2.28	124	1.00	112	5	19	5				22
23	881.8	50,947	4.56	892	5.25	557	2.17	283	2.36	238	2.28	124	99	110	5	14	5		3.20	240	23
24	881.0	49,515	4.58	904	5.27	557	2.17	283	2.38	241	2.30	125	1.00	112	7.6	17	6		3.20	240	24
25	880.1	47,878	4.58	904	5.27	557	2.17	283	2.38	241	2.30	125	100	112	9.2	18	12				25
26	879.4	46,623	4.52	866	5.05	510	2.18	286	2.33	234	2.26	122	.83	81	7	16	12		3.20	240	26
27	878.6	45,301	453	873	5.06	512	2.19	290	2.34	236	227	123	.83	81	6.4	12	10				27
28	877.8	43,797	4.53	873	5.03	506	2.18	286	2.34	236	227	123	.81	78	7	12	10		3.20	240	28
29	877.1	42,584	4.50	854	4.85	468	2.18	286	2.22	220	2.20	117	.75	68	4	5	6				29
30	876.5	41,559	4.54	879	5.04	508	2.19	290	2.32	233	2.24	120	.80	76	5	3	3		3.21	241	30
31	876.1	40,879	4.54	879 off	5.00	499	2.19	290	2.35	237	226	122	.81	78	12	4	6				31
				22,306		13,562		7261													

IWRB00003408

May 1990

	# 60		# 51		# 52		# 15		Main L.S.		Dry Krall		# 16		# 19		# 1		# 2		
1	7.84	1210	1.10	77	3.34	149	2.85	267	16	6	6	22	9	103	1.71	432	4.24	130	4.56	215	1
2	7.83	1208	1.06	© 84	3.38	© 176	2.85	267	15	6	11	28	9	103	1.69	424					2
3	7.83	1208	1.06	84	3.38	176	2.85	267	15	5	12	25	9	103	1.65	406					3
4	8.25	1304	1.06	84	3.36	174	2.85	267	12	4	11	30	9	103	1.65	406					4
5	8.25	1304	1.22	100	3.44	182	2.85	267	8	7	13	23	9	103	1.68	419					5
6															1.85	496					6
7	8.27	1309	1.21	99	3.44	182	2.85	267	7	5	12	22	9	103	1.96	549					7
8	8.26	1307	1.74	158	3.70	210	2.92	278	10	7	11	20	10	121	1.91	525	3.90	81	4.45	187	8
9	8.26	1307	1.70	© 153	3.64	© 203	2.92	278	13	8	13	11	10	121	1.83	487					9
10	8.25	1304	1.60	140	3.66	206	2.92	278	13	6	12	10	11	140	1.77	459	3.77	66	4.24	143	10
11	8.25	1304	1.40	118	3.56	195	2.92	278	12	3	11	10	11	140	1.74	446					11
12	8.27	1309	1.12	90	3.68	208	2.93	279	2	1	12	10	12	159	1.73	441					12
13	8.25	1304													1.69	424					13
14	8.26	1307	1.10	88	3.70	210	2.95	283	4	3	12	12	11	140	1.65	406					14
15	8.27	1309	1.11	89	3.70	210	2.98	288	8	4	7	17	12	159	1.63	398	3.60	48	3.80	78	15
16	8.27	1309	1.10	88	3.70	210	2.98 2.43	288	7	6	13	8	12	159	1.59	381					16
17	8.27	1309	.94	73	3.60	199	2.98	288	7	3	11	10	12	159	1.52	352	3.53	40	3.78	76	17
18	8.27	1309	1.06	84	4.06	253	3.08	304	3	2	11	6	5	43	1.50	343					18
19	8.27	1309	1.07	80	4.06	253	3.04	304	8	5	12	12	4"	31	1.46	336					19
20	8.27	1309	.86	66	3.98	243	3.08	304							1.50	343					20
21	8.27	1309	.86	66	3.98	243	3.09	306	9	5	12	10	6	57	1.55	364					21
22	8.28	1311	1.64	87	4.06	253	3.08	304	11	6	11	12	8	87	1.52	352					22
23	8.27	1309	1.04	82	4.06	253	3.09	306	8	5	12	16	7	71	1.67	415	3.55	43	3.94	96	23
24	8.26	1307	.94	73	4.01	246	3.08	304	8	9	11	20	7	71	1.76	455					24
25	8.27	1309	1.00	74	4.06	253	3.09	306	9	6	12	18	7	71	1.78	464					25
26	8.28	1311	1.02	80	4.06	253	3.09	306	12	8	11	22	8	87	1.72	437					26
27	8.26	1307							10	8	10	—	8	87							27
28	8.27	1309	94	73	402	248	309	306							1.72	437					28
29	8.28	© 1290	94	73	4.02	248	3.08	304	12	8	11	20	8	87	2.14	641			4.32	163	29
30	8.27	1288	1.00	78	4.04	250	3.08	304	12	10	12	24	7	71	2.33	© 755					30
31	8.29	1293	1.20	97	4.08	255	3.09	306	12	10	11	24	8	87	2.57	895	4.17	107	5.12	273	31
Total		40,177																			

IWRB00005409

June 1990

4.17 107 512 - 373

	# 60		# 51		# 52		# 15		Main	L.S.	Dry	K-all	# 16		# 19		# 1		# 2		
1	8.24	1281	1.42	.121	4.10	258	3.09	306	18	14	12	30	9	104	2.46	829					1
2	8.26	1286	1.40	118	3.96	240	3.09	306	19	10	12	25	9	104	2.32	749					2
3.	8.28	1290																			3
4	8.29	1293	144	123.	3.98	243	3.09	306	19	9	11	25	.10	121	2.14	651					4
5	8.29	1293	1.40	118	3.96	240	3.08	304	19	10	11	20	9	104	2.19	678	3.98	82	4.75	253	5
6	8.28	1290	1.36	114	3.94	238	3.08	304	17	9	10	24	8	87	2.21	689					6
7	8.29	1293	1.36	114	3.90 (3.77)	233 (218)	3.09	306	15	9	10	24	9	104	2.26	716	3.92	75	4.82	274	7
8	8.24	1281	1.54	134	3.60	199	309	306	9	17	11	20	4.	31	2.36	772					8
9	7.87	1197	1.48	127	3.56	195	3.08	304	7	7	10	20	4.5	37	2.46	829					9
10	7.86	1194	1.48	127	3.56	195									2.95	1136	4.50 (4.03)				10
11	7.86	1194	1.48	127	3.56	195	3.09	306	7	5	11	17	7"	71	3.39 (3.30)	1298 (1438)	4.04	90	6.28	945	11
12	7.85	1192	1.36	114	3.50	188	3.08	304	5	4	10	17	7"	71	2.85	1077	—	—	5.85	696	12
13	7.85	1192	1.40	118	3.57	190	3.09	306	8	7	10	17	8	87	2.59	901					13
14	7.92	1208	1.38	116	3.57	189	3.08	304	8	7	11	18	5"	43	2.37	777					14
15	7.87	1197	1.44	123	3.54	193	3.09	306	9	7	10	18	6"	57	2.40	794					
16	7.89	1201	1.49	128	3.56	159	3.09	306	10	7	10	18	6"	57	2.25	710					
17																					
18	7.87	1197	1.56	136	3.52	190	3.09	306	11	7	10	18	6"	57	214	651	3.83	65	4.81	271	
19	7.87	1197	1.38	116	3.49	187	3.09	306	12	7	11	16	5"	43	2.27	721					
20	7.89	1201	1.22	100	3.40	178	3.08	304	10	5	11	14	2½"	15	2.47	835					
21	8.29	1293	98	78	360	199	3.09 C	291	5	5	0	10	4	31	2.67	956					
22	8.30 (8.31)	1295	1.10	88	3.68	208	3.09	291	6	5	0	8	6	51	2.81	1044					
23	8.79	1408	1.10	88	3.68	208	3.16	303	9	4	1	6	4	31	2.85	1070					
24	8.80	1410					3.16	303					8½	95	2.88	1090					
25	8.85	1421	1.14	92	3.90	233	3.16	303	4	3	0	3	8½	95	2.85	1070					
26	9.25	1514	1.18	95	3.94	238	3.25	318	7	4	0	0	6	57	2.75	1006	3.32	21'	5.92	730	
27	9.29	1470	1.08	86	4.16	265	3.25	318	4	1	2	4	6	57	2.70	975					
28	9.50	1519	1.14	92	4.12	260	3.25	318	0	2	5	8	7	71	2.49	840	3.15	12	5.82	680	
29	9.50	1519	1.17	95	4.13	262	3.25	318	3	2	3	8	7	71	2.37	777					
30	9.48	1514	1.10	88	4.20	271	3.31	329	1	0	5	7	6	57	2.32	749					
31		39040					3.31														

30,084

WRB00003410

June 1990

	Magic		#3		#4		#5		East		West		Head J.B.		E spill		W-1	W-2	#48		
	876.7	41,899		off		off		off		off		off		off		off	off	off		off	1
2	877.3	42,930																			2
3	878.0	44,145																			3
4	878.7	45,337																			4
5	879.0	45,906																			5
6	879.5	46,802																			6
7	879.9	47,518																			7
8	879.8	47,229	4.34	744	5.20	541	1.64	128	2.08	202	215	113	1.10	132							8
9	879.5	46,802	4.43	798	5.02	5.03	1.98 (2.10)	217 (2.14)	1.86	174	1.92	96	.90	93	1						9
10	879.3	46,444	4.48	829	5.05	570	2.12	264	2.17	213	2.04	105	1.06	124			1	4			10
11	879.2	46,265	4.42	792	4.91	480	2.12	264	1.99	190	1.96	99	1.00	112	14		1	4			11
12	879.3	46,444	4.49	835	4.87	472	2.22	302	2.05	198	1.99	101	.90	93					3.01	213	12
13	879.3	46,444	4.49	835	4.89	476	2.24	309	2.19	216	2.02	103	.81	74	10.2		1	5			13
14	879.2	46,265	4.48	829	4.89	476	2.23	306	2.17	213	2.06	106	.91	78	10		11	7	3.21	241	14
15	878.9	45,730	4.49	835	4.97	493	2.23	306	2.22	220	2.08	108	.85	84	12		10	8	3.21	241	15
16	878.6	45,301	4.49	835	4.97	493	2.24	309	2.22	220	2.08	108	.85	84	14		12	8			16
17									2.14	210	2.08	108	.89	91	14		16	9			17
18	877.8	43,797	4.48	829	4.94	487	2.24	309	2.10	204	208	108	87	88	13		16	9	3.21	©277	18
19	877.4	43,103	4.48	829	4.92	©428	2.24	©306	2.10	204	2.08	108	87	88	12		10	8			19
20	877.0	42,411	4.46	817	4.85	414	2.24	306	2.07	201	2.06	106	.85	84	13		12	13	3.19	274	20
21	876.4	41,389	447	823	486	416	225	309	202	194	2.04	105	.82	79	10		8	13			21
22	876.0	40,709	450 (480)	841 (841)	495	434	2.24	306	2.12	207	2.06	106	.82	79	14		8	12	3.20	275	22
23	875.7	40,208	451	848	4.99	442	2.25	309	2.16	212	2.08	108	.83	81	9		8	11			23
24	875.3	39,540	4.59	898	5.19	482	2.27	317	2.25	224	2.12	111	.97	106	7		10	13			24
25	875.0	39,041	457	885	5.16	476	2.24	306	2.18	215	2.10	109	98	108	4		-	-	3.17	271	25
26	874.4	38,056	4.59	898	5.20	484	2.24	306	2.28	228	2.09	108	98	108	9		0	10			26
27	873.7	36,924	4.62	917	5.34	514	2.24	306	2.29	229	2.10	109	1.05	122	8		3	8	3.15	268	27
28	873.2	36,124	4.64	930	5.39	524	2.24	306	2.31	232	2.11	110	1.06	124	9		2	3			28
29	872.5	35,024	4.69	963	5.54	557	2.25	309	2.40	244	2.20	117	1.13	139	13		4	3	3.16	269	29
30	871.7	33,785	4.70	969	5.53	555	2.29	3.25	2.40	244	2.20	117	1.12	136	12		8	1			30
31				19644		11,150		7040												887	31

WRB0003411

July 1990

	# 60		# 51		# 52		# 15		Main L.S.		Dry Knoll		# 16		# 19		# 1		# 2		
1	9.49	1517																			1
2	9.49	1517	1.20	97	4.10	2.58	3.33	332	5	1.5	5	5	6	56.6	2.20	693					2
3	9.56	1534	1.04	82	4.02	248	3.37	339	5	2	0	6	6.5	64	2.11	636	3.00	7	5.41	486	3
-25 4	9.60 ©	1584	1.04	82	4.18	268	3.38	341	6	3	0	No call	6.5	64	1.92	540					4
5	9.59	1582	1.14	92	4.20	271	3.38	341	5	3	0	6	7	71	1.87	515	2.96	3	4.60	215	5
6	9.50	1560	1.18	95	4.20	271	3.37	339	5	3	4	7	7	71	1.86	511					6
7	9.57	1577	1.16	94	4.14	263	3.37	339	4	0	4	7	7	71	1.73	450					7
8	9.63	1591																			8
9	9.64	1594	1.22	100	4.18	268	3.38	341	4	4	2	7	7	71	1.64	410					9
10	9.65	1596	1.26	104	4.14	263	3.38	341	7	5	4	8	7	71	1.73	450			3.81	74.5	10
11	9.62	1589	1.14	92	4.10	2.58	3.38	341	7	3	4	6	7	71	1.63	406					11
12	9.62	1589	1.18	95	4.16	265	3.37	339	7	3	4	4	7	71	1.58	385					12
13	9.58	1579	1.18	95	4.16	265	3.38	341	5	3	4	4	7.5	79	1.53	364					13
14	9.63	1591	1.06	84	4.12	260	3.38	341	6	2	4	4	7.5	79	1.50	352					14
15	9.62	1589																			15
16	9.65	1596	1.18	95	4.16	265	3.38	341	5	3	4	4	7	71	1.41	316					16
17	9.64	1594	1.24	102	4.18	268	3.38	341	6	4	4	4	7	71	1.37	301	2.80	1.9	3.74	67	17
18	9.65	1596	1.22	100	4.13	262	3.38	341	5	4	4	3	7	71	1.30	275					18
19	9.64	1594	1.19	96	4.11	259	3.38	341	6	5	5	4	7	71	1.29	272					19
20	9.65	1596	1.12	90	4.14	263	3.38	341	6	3	3	5	7	71	1.28	268					20
21	9.66	1598	1.11	89	4.13	262	3.38	341	5	4	3	6	7	71	1.31	279					21
22																					22
23	9.65	1596	1.17	95	4.04	250	3.39	343	6	5	3	4	8	87	1.25	257					23
24	9.65	1596	1.20	97	4.04	250	3.39	343	5	6	3	8	8	87	1.24	254					24
25	9.51	1562	1.20	97	4.06	253	3.40	© 339	8	8	4	6	8	87	1.21	243					25
26	9.58	1579	1.21	99	4.07	254	3.38	336	5	6	1	6	7.5	79	1.21	243	2.74	3	3.69	62	26
27	9.62	1589	1.25	103	4.07	254	3.37	334	5	5	1	8	8	87	1.20	240					27
28	9 50	1560	1.24	102	4.10	258	3.38	336	5	6	1	8	8	87	1.15	225					28
29	9.32	1517					3.38	336													29
30	9.29	1510	1.20	97	4.08	255	3.38	336	6	5	2	8	8	87	1.10	210					30
31	9.30	1512	1.14	92	4.06	253	3.32	325	8	5	3	8	8.5	95	1.07	© 210			3.46	© 68	31
		14.792																			

IWR0006412

July 1990

	Magic		#3		#4		#5		East		West		Head JB	E. Spill	W.1	W.2		
	870.4	32,422	4.75	1002	5.56	561	2.36	355	2.41	245	2.20	117	1.12	136	12	12	4		
2	27.00	31,233	4.70	969	5.57	563	2.26	313	2.40	244	2.20	117	1.12	136	11	12	4	3.16	269
3	869.1	29,928	4.70	969	5.56	561	2.35	350	2.38	241	2.19	116	1.11	134	11	11	3		
4	868.2	28,651	4.64	939	5.50	548	2.28	321	2.32	223	2.20	117	1.08	128	7	10	2		
5	867.0	26,992	4.72	982	5.62	574	2.39	368	2.40	244	2.31	126	1.09	130	11	-	-	3.30	290
6	865.9	25,521	4.70	969	5.60	570	2.36	355	2.39	242	2.30	125	1.09	130	10	6	6	3.33	295
7	864.4	23,586	4.70	969	5.60	570	2.36	355	2.37	240	2.30	125	1.08	128	9	5	4		
8	863.3	22,220	4.68	956	5.60	570	2.36	355	2.40	244	2.31	126	1.09	130	9	5	4		
9	861.6	20,193	4.68	956	5.62	574	2.38	363	2.39	242	2.31	126	1.09	130	9	5	4	3.32	293
10	860.2	18,380	4.70	969	5.66	583	2.42	381	2.40	244	2.32	127	1.09	130	0	7	4		
11	858.8	17,086	4.70	969	5.68	588	2.42	381	2.40	244	2.32	127	1.09	130	7	0	4	3.39	304
12	857.2	15,441	4.68	956	5.66	583	2.39	368	2.36	238	2.32	127	1.08	128	7	3	5		
13	855.5	13,795	4.66	943	5.71	594	2.38	368	2.38	241	2.33	128	1.08	128	6	1	6	3.29	289
14	853.5	11,994	4.70	969	5.74	601	2.41	376	2.43	248	2.36	130	1.09	130	9	1	5		
15	851.5	10,342	4.66	943	5.74	601	2.39	368	2.40	244	2.35	129	1.07	126	7	3	5		
16	849.6	8,689	4.66	943	5.73	599	2.38	363	2.40	244	2.34	129	1.07	126	6	3	5	3.31	292
17	846.5	6,847	4.68	956	5.77	607	2.44	390	2.44	249	2.32	127	1.09	130	6	2	4	3.34	296
18	842.6	4,760	4.66	943	5.77	607	2.44	390	2.40	244	2.34	129	1.08	128	6	2	4	3.33	295
19	838.5	3,129	4.63	924	5.76	605	2.43	385	2.40	244	2.36	130	1.08	128	6	1	4		
20	off		off		off		off		off		off		off		off	off	off		5,195
21																			
22																			
23	839.9	3,623		14,226		11,059		6905											
24																			
25																			
26	840.0	3,660																	
27																			
28																			
29																			
30	842.5	4,718																	
31	842.8	4,852																	

Power off 1:00pm

off 12:00pm

IWRB00003413

August 1990

	# 60		# 51		# 52		# 15		Main L.S.		Dry Well		# 16		# 19		# 1		# 2		
1	9.28	1507	1.20	97	4.10	258	3.32	325	8	6	3	8	8	87	1.04	©202	©		©		1
2	9.32	©1461	1.17	95	4.04	250	3.32	325	4	5	4	7	8	87	1.02	197			3.58	61	2
3	9.30	1456	1.10	88	4.02	248	3.32	325	4	4	4	6	8	87	.99	190					3
4	9.30	1456	1.17	95	4.00	245	3.32	325	4	4	4	6	8	87	.96	182					4
5																					5
6	9.29	1454	1.16	94	4.06	253	3.32	325	3	3	4	6	7	71	94	177					6
7	9.33	1463	1.14	92	4.08	255	3.38	336							.93	175		2	3.60	63	7
8	9.32	1461	1.12	90	4.08	255	3.32	325	7	3	0	5	75	79	91	170					8
9	9.31	1459	1.10	88	4.08	255	3.32	325	7	3	2	5	8	87	90	167			3.56	59	9
10	9.30	1456	1.14	92	4.10	258	3.32	325	3.5	1	1	5	75	79	.89	165					10
11	9.31	1459	1.14	92	4.08	255	3.32	325	2.5	3	2	4	8	87	.91	178					11
12	9.32	1461																			12
13	9.34	1465	1.20	97	4.10	258	3.32	325	5	3	2	4	8	87	.92	172					13
14	9.34	1465	1.20	97	4.12	260	3.80	288	5	4	3	6	0		.89	165			3.66	69	14
15	9.34	1465	1.14	92	4.10	258	3.32	325	6	3	3	4	8	87	.87	160					15
16	9.36	1470	1.10	88	4.06	253	3.32	325	3.5	4	1	6	8	87	.87	160					16
17	9.36	1470	1.14	92	4.10	258	3.32	325	3	4	3	4	8	87	.90	167					17
18	9.35	1468	1.20	©79	4.06	©235	3.32	325	5	5	3	6	8	87	.90	167					18
19															.97	185					19
20	9.35	1468	1.18	77	4.04	233	3.32	325	7	7	1	6	8	87	1.23	261			3.81	86	20
21	9.35	1468	1.24	83	4.08	238	3.32	325	9	8	2	8	8	87	1.24	264					21
22	9.06 (9.03)	1401 (1389)	1.22	81	4.06	235	3.32	325	8	5	2	10	8	87	1.12	225					22
23	9.05	1399	1.21	80	4.06	235	3.32	325	8	5	3	10	8	87	1.09	216		4		75	23
24	9.02	1392	1.20	79	4.07	237	3.32	325	7	5	3	10	8	87	1.09	216					24
25	9.03	1394	1.16	76	4.06	235	3.32	325	6	5	2	8	8	87	1.06	208					25
26																					26
27	9.03	1394	1.18	77	4.07	237	3.32	325	7	6	4	8	8	87	1.08	213					27
28	8.76	1332	1.16	76	4.06	235	3.32	325	9	7	4	8	8	87	1.03	200					28
29	8.73	1325	1.10	70	4.04	233	3.25	313	3	4	3	4	5	43	.99	190					29
30	8.72	1323	1.00	62	4.00	228	3.32	325	3	5	4	6	8	87	.95	180	2.84	4	3.58	61	30
31	8.72	1323	1.06	67	4.00	228	3.29	320	5	5	4	6	9	104	.93	175					31
		44432																			

WRB00003414

August 1990

	Magic		#3		#4		#5		East		West		Head S.B.		E Spill		W-1	W-2	# 48		
1	843.0	4,944																			1
2	843.3	5,091																			2
3	843.5	5,191																			3
4																					4
5	844.3	5,600																			5
6																					6
7																					7
8																					8
9																					9
10	845.2	6,089																			10
11																					11
12																					12
13	846.1	6,605																			13
14	846.4	6,786																			14
15																					15
16	847.7	7 601																			16
17	848.0	7796																			17
18			4.10	600	4.24	300	2.24	300	1.31	1.09	1.38	60	1.07	125							18
19	848.8	8340																			19
20																					20
21	847.5	7472	4.06	582	3.90	242	2.36	283	1.38	117	1.20	53	.97	106					280	210	21
22	845.6	6374	4.08	593	4.14	282	2.30	261	.88	63	1.18	52	1.06	124							22
23	847.8	4852	4.06	582	4.20	193	2.12	202	1.68	152	1.34	60	.86	86		3'	0		248	173	23
24	840.2	3738	4.00	548	3.88	138	2.25	244	1.51	132	1.28	57	.70	60					270	203	24
25	8-24-600 ofs																				25
26				5800		1055		990												796	26
27	841.4	4,226																			27
28	841.9	4,441		2905																	28
29																					29
30																					30
31																					31

IWRB00003415

September 1990

	#	60	#	51	#	52	#	15	Main L.S.		Dry Krall		#	16	#	19	#	1	#	2
1	8.75	1330	1.14	.74	4.02	231	3.29	320	4	4	4	6	9	104	93	175				
2																				
3.	8.76	1332	1.10	70	4.04	233	329	320	5	6	4	—	7	79	.89	165				
4	8.74	1327	1.00	62	4.00	228	3.29	320	6	5	4	6	8	87	.88	163				
5	8.76	1332	.96	58	3.98	226	3.29	320	4	6	4	8	8	87	.90	167			3.65	68
6	8.56	1286	1.14	74	3.76	201	3.29	320	4	5	4	8	8	87	.98	184			3.63	66
7	8.56	1286	1.14	74	3.78	203	3.29	320	5	4	3	6	8	87	.96	180				
8	8.46	1263	1.16	76	3.78	203	3.29	320	8	5	4	6	8	87	.94	177				
9																				
10	8.48	1268	1.16	76	3.78	203	329	320	9	6	4	6	7	71	.89	165				
11	8.48	1268	1.16	76	3.78	203	329	320	12	7	2	6	7	71	.88	163				65
12	8.30	1226	1.20	79	3.82	208	3.27	316	6	7	1	6	7	71	.87	160				
13	8.25	1215	1.14	74	3.78	203	3.26	315	6	6	0	8	7	71	.85	155	2.72	1.7		67
14	8.24	1212	1.18	77	3.80	206	3.24	311	7	6	3	8	0		.84	153				
15	8.24	1212	1.12	72	3.76	218	3.24	315	9	7	7	8	5	43	83	146				
16																				
17	8.25	1215	1.10	70	3.78	203	3.26	315	9	6	7	10	6.5	63.8	83	146				
18	8.01	1135	1.18	77	3.80	206	3.26	315	6	4	9	12	6.5	63.8	.82	143	2.76	1.7	3.61	68
19	8.00	1133	1.16	76	3.80	206	3.23	309	10	6	8	14	6.5	63.8	83	146				
20	7.99	1131	1.06	67	3.74	199	3.24	311	10	7	7	14	5	43	.84	148	2.75	1.6	3.57	64
21	7.98	1128	1.16	76	3.80	206	3.23	309	11	6	9	14	5	43	.83	146				
22	7.98	1128	1.18	77	380	206	3.20	304	10°	6°	10°	20°	5	43	.83	146				
23	7.98	1128	1.18	77	3.80	206	3.20	304	10	6	10	20	5	43	83	146				
24	7.68	1065	1.14	74	3.80	206	3.20	304	9	6	9	28	5	43	.82	143				
25	7.67	1063	.96	58	3.72	197	3.20	304	12	9	7	26	5	43	.81	142			3.57	64
26	7.38	1004	.94	57	3.70	195	3.20	304	14	6	7	26	5	43	.81	142				
27	7.36	1000	.94	57	3.70	196	3.20	304	15	6	7	20	5	43	.85	151			3.60	67
28	7.27	982	.76	42	3.58	182	3.20	304	14	7	7	20	3	20	.94	148				
29	7.26	980	.82	47	3.60	184	3.20	304	7	6	7	10	2	11	83	146				
30																				
31		34578																		

WRB00003416

September 1990

	Magic		# 3		# 4		# 5		East		West		Head S.B.		E Spill		U-1	W-2	# 48		
1	0																				1
2																					2
3																					3
4	8443	5600																			4
5																					5
6																					6
7																					7
8																					8
9																					9
10	845.6	6317																			10
11	845.8	6431																			11
12																					12
13	847.5	7472																			13
14	847.6	7536																			14
15																					15
16																					16
17	848.3	8,000																			17
18	848.7	8,272																			18
19	849.3	8476																			19
20																					20
21																					21
22																					22
23																					23
24	849.6	8,905		525		100		130		100		60		40							24
25	849.8	9,049																			25
26	848.5	8136	3.95	521	3.74	2.60	2.30	266	2.10	104	1.50	69		20?					148	173	26
27	847.1	7216	3.86	475	3.55	1.89	2.32	268	4.74	160	1.48	66		20		1/2	—	—			27
28	84.50	5706	3.98	5.37	3.84	2.32	2.35	279	2.04	197	1.54	71		20		16					28
29	842.6	4760	3.98	5.37	3.86	2.35	2.34	275	1.89	178	1.50	69	.24	12		11				692	29
30				2595																	30
31			Total	65646.		916		1083													31

IWRB00003417

OCTOBER 1990

	# 60		# 51		# 52		# 15		Main L.S.		Dry Krall		# 16		# — #		# — #		# — #	
1	7.26	980	.76	42	3.56	179	3.20	304	7	6	6	10	3	20						
2	7.27	982	.72	40	3.54	177	3.18	301	8	6	6	—	0	0						
3	7.25	975	.71	39	3.54	177	3.18	301	8	5	8	6	0	0						
4	7.27	1022	.80	45	3.58	181	3.15	296	10	6	8	10	2	11						
5	7.27	1022	.94	57	3.64	187	3.15	296	10	7	8	12	3	28						
6																				
7																				
8	7.26	980	1.00	62	3.68	192	3.13	293	13	8	8	26	4	30						
9	7.34	1036	1.06	67	3.70	194	3.13	293	17	6	8	36	4	30						
10	7.38	1044	.80	45	3.60	183	3.13	293	19	5	10	-	6	56						
11	OFF																			
12		10,085																		
13																				
14																				
15		241,753 CFS																		
16																				
17																				
18		483,506		A.F. leased																
19	—	108,942		Channel flow																
20		374,564		Storage us. d.																
21		- 1472		in R.																
22		373,132																		
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				

WRB00003418

1991

IWRB00003419

April 1991

	# 60		# 51		# 52		# 15		Main L.S.		Dry Krall		# 16		# 19		# 1		# 2		
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12	3.95	480																			12
13	3.84	466																			13
14	3.76	454																			14
15	3.70	445															3.36	ⓓ 24	3.28	ⓒ 29	15
16	3.72	448	.84	55	2.12	70	2.13	157					0	00							16
17	3.63	435	.86	57	2.16	72	2.10	154	30	14				—	.95	155					17
18	5.01	ⓑ 644	.80	52	2.10	69	2.15	159	15	14				—	.93	151					18
19	5.06	653	1.50	117	2.34	80	2.65	276	9	10				—	.92	ⓐ 165			3.23	ⓔ 31	19
20														—							20
21																					21
22	5.07	655	1.20	87	2.22	74	2.62	271	14	10					.95	172					22
23	5.06	653	1.00	68	2.68	99	2.55	211	15	16					1.06	200					23
24	5.69	760	.74	44	2.88	112	2.43	195	12	7				—	1.15	219					24
25	5.64	760	.22	13	3.12	130	2.37	187	14	7				—	1.18	234	3.60	40	3.31	40	25
26	6.15	860	.48	28	3.22	139	2.45	198	13	7				—	1.15	219					26
27	6.13	856	.95	64	3.42	156	2.46	199	15	7	7	14	1	3.8	1.10	210					27
28	6.13	856																			28
29	6.13	856	.96	65	3.48	162	2.45	198	15	8	9	11	0	—	1.06	200					29
30	6.13	856	.98	67	3.48	162	2.45	199	14	7	8	—			1.06	200					30
31		12,443																			31

IWRB00003420

April 1997

	#14		#54		#53		#56		#57		#10		#11		M.J.B.		Marley		F.S.		
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8											2.58	125	1.60	31					9		8
9											2.52	114	2.83	51					3		9
10											2.53	116	2.83	51					14.6		10
11											2.51	113	2.83	51					14		11
12											2.51	113	2.83	51					14.8		12
13																					13
14																			15		14
15	1.86	146	1.96	57	3.62	264	4.16	207			2.50	111	2.83	51					15		15
16	1.74	135	2.00	63	3.44	234	4.00	187			2.50	111	2.83	51					13		16
17	1.77	138	2.06	73	3.38	224	3.98	184			2.50	111	2.82	49					12		17
18	1.99	129	1.96	57	4.00	335	4.49	250			1.50	108	2.82	49					10		18
19	1.37	280	1.95	55	4.35	408	4.65	173			2.41	94	2.80	48					7		19
20																					20
21																					21
22	2.36	278	1.82	38	4.34	432	4.61	267			2.48	100	2.80	48					5		22
23	2.28	267	1.84	41	4.26	415	4.64	239			2.48	100	2.80	48					3.5		23
24	2.16	251	1.80	36	4.25	412	4.76	256			2.45	96	2.80	48					1		24
25	2.18	253	1.78	34	4.44	455	4.88	273			2.43	93	2.92	50					0		25
26	2.29	268	1.76	32	4.98	589	5.40	351			2.42	91	2.91	49					0		26
27	2.30	270	1.62	21	4.98	589	5.42	355			2.40	89	2.90	48					2		27
28																					28
29	226	264	1.58	79	5.00	594	5.43	356			2.38	86	2.90	48					2		29
30	227	266	1.50	16	4.97	586	5.44	358			2.32	78	2.90	48					2		30
31														1116							31

IWRB00003421

May 1991

	# 14		# 54		# 53		# 56		# 57		# 10		# 11		M.J.B.		Marley		F. S.		
1	2.25	263	1.39	13	4.96	583	5.47	363	Drains	5	2.37	85	2.90	48					2		1
2	2.46	293	1.45	15	5.17	667	5.60	384			2.32	80	2.90	48					3		2
3	2.61	315	1.32	10	5.34	687	5.49	366			2.39	87	2.90	48					2		3
4	2.66	323	1.53	17	5.35	690	5.45	359			2.39	87	2.92	49					0		4
5																					5
6	2.62	316	1.37	12	5.34	687	5.48	364			2.37	85	2.92	49					0		6
7	2.70	329	1.51	16	5.51	736	5.62	387			2.34	81	2.92	49					0		7
8	2.68	326	1.48	16	5.50	733	5.64	391			2.32	80	2.92	49					0		8
9	2.68	326	1.41	14	5.55	748	5.67	396			2.29	75	2.91	49					—		9
10	2.69	327	1.40	13	5.54	745	5.66	394			2.31	77	2.92	50					—		10
11	2.71	330	1.52	17	5.56	751	5.70	401			2.39	87	2.92	50					—		11
12																			—		12
13	2.78	341	1.66	24	5.64	775	5.79	416			2.45	96	2.93	51					—		13
14	2.80	345	1.65	24	5.64	775	5.78	415			2.41	90	2.92	50					—		14
15	2.76	338	1.60	20	5.57	754	5.73	406			2.38	86	2.92	50					—		15
16	2.74	335	1.53	17	5.55	748	5.71	403			2.36	83	2.92	50					—		16
17	2.72	330	1.58	19	5.54	745	5.68	398			2.32	78	2.91	49					—		17
18	2.73	332	1.59	20	5.53	742	5.69	399			2.32	78	2.91	49					—		18
19																					19
20	2.75	335	1.77	33	5.32	681	5.55	376			2.48	100	2.87	45					1		20
21	2.74	334	1.79	36	5.28	670	5.54	374			2.44	94	2.88	46					—		21
22	2.71	329	1.75	31	5.26	665	5.48	364			2.40	89	2.88	46					—		22
23	2.55	297	1.63	22	5.20	648	5.54	381			2.37	85	3.70	177	2.98	215			17.6		23
24	2.91	361	2.14	87	5.47	725	5.76	411			2.37	85	4.10	233	2.64	156	0		30	14-3	24
25	2.82	346	1.91	51	5.58	757	5.83	423			2.33	80	4.09	237	2.60	152			22		25
26																					26
27	2.55	304	1.25	6	5.55	748	5.81	422			2.20	71	4.06	224	2.30	109	.12	5	.1		27
28	2.52	300	1.10	3	5.52	739	5.78	420			2.22	67	4.10	233	2.62	155	.42	33	4		28
29	2.74	334	1.75	31	5.71	796	5.84	443			2.18	62	4.10	233	2.60	152	.24	14	5		29
30	2.86	353	1.63	22	5.91	859	5.99	452		5	2.18	62	4.20	255	2.62	155		20	7		30
31	2.89	358	1.65	24	5.90	855	5.99	452		4	2.20	64	4.26	258	2.58	149	.24	14	5		31
											Total		2141								

May 1997

	# 60		# 51		# 52		# 15		Main L. S.		Dry Krall		# 16		# 19		# 1		# 2		
1	6.13	856	2.88	.58	3.42	156	2.45	198	7	3	7	7	2	11	1.07	202	3.60	40	3.42	42	1
2	6.68	966	.70	44	3.34	149	2.45	198	6	2	7	—			1.07	202	3.26	14	3.50	48	2
3	6.68	966	.76	49	3.40	154	2.45	198	1	1	7	—	6	56	1.10	210					3
4	6.68	©984	.70	44	3.38	153	2.45	198	7	3	7	8	6	56	1.07	202					4
5	6.69	986																			5
6	6.93	1034	.66	34	3.34	149	2.55	211	9	5	7	8	6	56	1.05	197					6
7	6.93	1034	.66	34	3.36	151	2.55	211	12	3	7	10	7	71	1.15	225					7
8	6.93	1034	.82	53	3.42	156	2.55	211	9	3	6	11	7	71	1.21	243					8
9	6.94	1036	.78	50	3.40	154	2.55	211	6	5	7	12	7	71	1.70	435					9
10	6.93	1034	.78	50	3.42	156	2.55	211	8	6	7	12	7	71	1.54	368	3.44	29	4.10	120	10
11	6.93	1034	.84	55	3.44	158	2.56	211	7	6	7	13	7	71	1.49	345					11
12		1034																			12
13	6.93	1034	.96	65	3.48	162	2.55	211	8	9	7	15	8	87	1.40	310					13
14	6.92	1032	.98	67	3.48	162	2.55	211	9	8	9	15	7	71	1.45	329	3.64	48	3.92	93	14
15	6.93	1034	.96	©75	3.58	©167	2.55	211	9	8	8	15	8	87	1.56	372					15
16	6.94	1036	.94	73	3.46	165	2.55	211	9	5	8	11	8	87	1.67	418					16
17	6.94	1036	.86	66	3.46	165	2.55	©216	10	5	8	8	8	87	1.91	528					17
18	6.92	1032	.86	66	3.46	165	2.55	216	8	2		11			2.20	676					18
19																					19
20	6.57	962	.85	67	3.44	164	2.55	216	8	4	3	15	8	87	1.92	533					20
21	6.68	984	.60	45	3.34	154	2.58	216	8	4	3	15	8	87	1.96	552	3.92	76	4.52	205	21
22	6.71	990	.64	48	3.34	154	2.55	216	6	4	3	6	8	87	2.03	587					22
23	6.67	982	.60	45	3.34	154	2.55	216	1	0	3	5	8	87	2.31	737					23
24	7.23	1096	.62	46	3.34	154	2.55	216	3	3	0	0	5	42	2.58	897					24
25	7.23	1096	.84	64	3.46	165	2.55	216	4	3	0	0	6½		2.79	1031					25
26																					26
27	7.24	1098	.80	61	3.40	160	2.60	223	2	3	0	0	5	42	2.90	1105					27
28	7.23	1096	.90	61	3.40	160	2.58	220	2	2	0	0	0		2.42	800	3.84	16	5.02	350	28
29	7.53	1161	.80	61	3.40	160	2.61	224	2	3	0	0	9	11	1.85	499	3.80	55	4.85	295	29
30	7.81	1214	.84	64	3.42	162	2.65	230	2	2	0	0	6	56	2.05	597					30
31	17.78	1217	1.02	80	3.50	169	2.65	230	+	2	0	0	7	71	2.21	©681	3.40	74	©4.84	©338	31
	+8.14	1309																		42.67	

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IWRB00003423

June 1991

	No 60		No 51		No 52		No 15		Main	LS	Dry	Krall	No 16		no 19		No 1		NO 2		
1	7.81	1229	.98	.76	3.50	169	265	230	0	3	0	2	7	71	220	676					1
2		1307					2.75	244					6	91							2
3	8.16	1288	1.06	84	2.52	171	2.75	244	0	2	0	0	7	71	3.01	1182					3
4	8.18	1288	.80	61	3.56	175	2.81	252	5	3	1	0	8	87	3.18	1305	3.19	58	5.29	500	4
5	8.18	1288	.82	62	2.56	175	1.82	254	3	1	3	0	8	87	3.76	1769	K 11.5	1940			5
6	8.65	1396	.90	69	3.58	177	2.82	254	7	4	2	1	8	87	3.54	1585	3.84	77	6.28	1043	6
7	8.65	1396	1.12	90	3.60	179	1.82	254	8	4	3	2	9	104	3.21	1327					7
8	8.60	1385	1.16	94	3.64	183	2.82	254	7	5	3	3	9	104	3.16	1790					8
9			1.16	94	3.64	183	2.82	254	4	6	5	2.5	10	121							9
10	8.64	1394	1.16	94	3.64	183	2.82	254	4	6	5	2.5	10	121	3.38	1458					10
11	8.63	1392	1.06	84	3.66	187	2.82	254	6	6	3	7	10	121	3.94	1927	3.64	53	6.36	1099	11
12	8.63	1392	.88	67	3.78	198	2.88	262	1	3	0	0	9	104	4.33	2791					12
13	8.84	1440	.92	71	3.84	204	2.97	279	3	4	0+	0	8	87	3.96	1945	3.52	41	6.54	1243	13
14	9.91	1433	.94	73	3.84	204	2.97	279	7	4	0	1.5	8	87	3.58	1618					14
15	8.85	1442	.90	69	3.90	211	2.97	279	6	3	3	5	8	87	3.30	1396					15
16																					16
17	8.84	1440	.92	71	4.02	225	2.97	279	5	6	4	5	9	104	3.16	1290					17
18	8.84	1406	.88	67	4.06	229	3.09	294	0	4	5	5	8	87	3.05	1210	3.23	21	5.36	531	18
19	8.85	1408	.90	69	4.06	229	3.09	294	4	4	5	6	8	87	3.15	1283					19
20	8.88	1415	.88	67	4.06	229	3.09	294	1	4	5	7	8	87	3.23	1342	3.12	17	5.54	615	20
21	8.89	1417	.84	64	4.04	227	3.15	303	2	3	4	2	8	87	2.97	1168					21
22	9.11	1468	.84	64	4.04	207	3.15	303	2	4	3	4	7.5	79	2.82	1051					22
23																					23
24	9.11	1469	.90	69	4.08	211	3.15	303	3	3	3	3	7.5	79	2.73	992					24
25	9.11	1468	.90	69	4.06	209	3.20	311	4	1	2	2	7	71	2.55	878	3.02	13	4.58	247	25
26	9.43	1543	.90	69	4.08	211	3.20	311	6	3	3	4	7	71	2.52	860					26
27	9.43	1543	1.00	78	4.08	211	3.20	311	4	3	2	4	7	71	—	—	2.92	10	4.35	140	27
28	9.42	1541	1.04	82	4.08	211	3.20	311	5	3	2	4	7	71	2.48	836					28
29	9.44	1546	1.02	80	4.06	209	3.20	311	6	4	3	5	7½	79	2.35	759					29
30		42496																			30
31		Ston Used																			31

IWRB00003424

June 1991

	Magic		No. 3		No. 4		No. 5		East		West		HJB		East Waste Spill	East Waste #1	Waste #2		No. 48		
	8709	32571	4.43	©.792	4.91	©493	258	594	200	199	209	105	97	106	5	10		5	3.15	©243	1
			4.46	810																	
2									2.06	207	2.10	106	99	110	7	—		—			2
3.	86.84	30,363	4.46	810	4.99	510	2.58	594	2.04	204	2.10	106	98	108	3				3.10	238	3
4	868.8	29499	4.47	817	4.97	506	2.57	589	2.04	204	2.10	106	98	108	3	5		5			4
5	868.4	28,833	4.56	873	5.34	585	2.58	594	2.20	225	2.24	117	1.04	120	10	5		—	3.16	244	5
6	868.6	29,215	4.58	885	5.29	574	2.63	623	2.12	215	2.20	114	1.14	141	9						6
7	868.8	29499	4.59	892	5.30	577	2.62	617	2.13	216	2.20	114	1.14	141	9	10			3.17	246	7
8	868.7	29,357	4.59	892	5.26	568	2.60	©290	2.10	212	2.18	112	1.12	136	6	9					8
9			4.59	892	5.26	568	2.63	300	2.10	212	2.18	112	1.09	130							9
10	868.3	28,792	4.59	892	5.22 5.27	559	2.65 2.63	300 301	2.10	212	2.18	112	1.09	130	7	—			3.22	253	10
11	868.6	27817	4.60	898	5.20	555	2.62	298	2.09	211	2.18	112	1.08	128	6	6		5			11
12	867.8	28.093	4.60	898	5.16	546	2.62	298	2.09	211	2.18	112	1.08	128	7	5		5	3.21	251	12
13	868.5	28,904	4.60	898	5.18	550	2.62	298	2.06	207	2.16	111	1.06	124	4	7		10			13
14	868.7	29,357	4.65	930	5.30	577	2.63	302	2.10	212	2.18	112	1.17	147	6	3		10	3.15	243	14
15	8687	29,357	4.65	930	532	584	260	290	2.10	212	2.18	112	1.20 1.13	154 147	5	11		5			15
16			4.63	918	5.33	583	2.60	290	2.10	212	2.18	112	1.17	147	5	10		5			16
17	868.2	28,651	4.65	930	531	579	2.61	294	2.10	212	2.18	112	1.17	147	4	10		5	3.17	246	17
18	867.8	28093	4.65	930	5.30	577	2.62	298	2.10	212	2.18	112	1.17	147	6	6		5			18
19	867.3	27,403	4.65	930	5.32	581	2.59	286	2.14	©212	2.20	©114	1.18	150	7	6		5	3.18	247	19
20	866.8	26,859	4.65	930	531	579	259	286	2.12	210	2.20	114	1.18	150	7	9		5	3.13	240	20
21	866.4	26,188	4.65	930	5.32	581	2.60	290	2.16	215	2.22	115	1.20	154	5	6		5	3.17	246	21
22	865.8	25,390	4.65	930	5.26	568	2.60	290	2.09	206	2.18	112	1.16	145	4	6		5			22
23									2.10	207	2.19	113	1.17	147	3	5		5			23
24	864.5	23,713	4.66	937	5.28	572	2.61	294	2.08	204	2.18	112	1.16	145	3	6		5	3.13	240	24
25	863.6	22,589	4.66	937	5.28	572	2.59	296	2.06	202	2.18	112	1.14	141	1	3		5			25
26	862.7	21,491	4.73	982	5.37	592	2.61	294	2.11	208	2.20	114	1.18	150	5	6		5	3.12	©237	26
27	861.8	20,425	4.70	963	5.41	©533	2.58	©272	2.14	210	2.21	115	1.19	151	5	2		—			27
28	860.7	19,164	4.69	956	5.42	535	2.59	275	2.15	213	2.22	115	1.19	152	7	7		5	3.09	235	28
29	859.6	17944	4.68	950	5.37	524	2.59	275	2.12	210	2.20	114	1.18	150	5	11		4			29
30									2.16	215	2.22	115	1.19	152	4	—		—			30
31			4.720	6				10586						4135							31

IWRB00003425

July [illegible]

	Magic		No. 3		No. 4		No. 5		East		West		H.T.B.		E. Spill	W.I	Waste #2		No. 48		
1	857.1	15,340	4.66	937	5.37	524	2.66	302	2.10	207	2.20	114	1.17	147	5	—	—		3.18	246	1
2	855.7	13,983	4.60	898	5.39	529	2.59	275	2.12	210	2.20	114	1.18	150	6	—	—				2
3	854.3	12,698	4.62	911	5.46	544	2.59	275	2.16	215	2.22	115	1.19	152	6	9					3
4									2.13	211	2.21	115	1.18	150	5	—	—				4
5	851.4	10,263	4.60	898	5.49	550	2.59	275	2.17	216	2.23	116	1.20	154	5	—	—				5
6	849.6	8,905	4.62	917	5.50	552	2.64	294	2.17	216	2.23	116	1.20	154	5						6
7									2.13	211	2.22	115	1.19	152	4	—	—				7
8	844.5	5,706	4.58	885	5.47	546	2.64	294	2.14	212	2.24	117	1.19	152	6	—	—		3.20	248	8
9	841.7	4,355	4.55	866	5.41	533	2.64	294	2.09	206	2.21	115	1.18	150	3	—	—				9
10	838.7	3,195	4.54	860	5.42	535	2.65	298	2.12	210	2.22	115	1.19	152	5	—	—				10
11	837.2	2,724	At 12:15 P.M.				10th at 12:00 P.M.													2466	11
12	838.0	2,964																			12
13	838.8	3,228		8988				2876													13
14	839.5	3,476																			14
15	840.0 840.4	3660 3816																			15
16	841.1	4098																			16
17	841.3	4,183																			17
18	841.6	4,317												1513							18
19	841.9	4,441																			19
20	842.2	4,576																			20
21																					21
22	842.8	4,852																			22
23	843.3	5,091																			23
24	843.7	5,291																			24
25	844.0	5,441																			25
26	844.3	5,600																			26
27	844.5	5,706																			27
28	844.7	5,813																			28
29	845.0	5,975																			29
30	845.2	6,089																			30
31	845.4	6,203																			31

842.2

IWRB00003426

July 1[illegible]

	No 60		No 51		No 52		No 15		Main L.S.		Dry Krall		No 16		No 19		No 1		No 2		
1	~~9.66~~	1553	1.14	92	4.17	216	3.30	311	6	5	3	5	8	87	2.43	806					1
2	9.47	1553	1.12	89	4.12	216	3.20	311	6	3	3	6	8	87	2.57	890					2
3	9.48	1555	1.06	84	4.10	213	3.20	311	6	2	2	1	8	87	2.71	979			2.46	169	3
4									0	2	0	1	7	71							4
5	9.70	1608	.90	69	4.08	211	3.25	320	0	0	2	1	6	57	2.69	966					5
6	9.78	1627	1.00	78	4.12	216	3.30	329					6	57	2.72	985					6
7																					7
8	9.82	1637	1.02	80	4.12	216	3.35	338	0	2	3	0	5.5	49	2.42	800					8
9	9.83	1639	1.02	80	4.18	222	3.35	338	0	2	3	1	6	57	2.36	765			3.93	110	9
10	9.84	1666	.86	66	4.10	213	3.40	347	0	1	2	1			2.28	720		©			10
11	9.82	©1586	.88	67	4.10	213	3.40	347	2	2	0	0	5	49	2.18	665			3.50	56	11
12	10.09	1651	.86	66	4.10	213	3.40	347	1	1	0	0	5	49	1.76	458					12
13	10.11	1656	.86	66	4.10	213	3.45	356	0	0	0	0	5		1.71	436					13
14																					14
15	10.04	1645	.80	61	4.08	211	3.50	365	2	3	0	0	6	57	1.68	423					15
16	10.06	1692	.90	69	4.12	216	3.45	©338	5	1	0*	0	6	57	1.60	389			3.18	34	16
17	10.04	1639	.94	73	4.14	218	3.45	338	5	3	0	0	6	57	1.46	333					17
18	10.03	1637	.88	67	4.10	213	3.45	338	6	2	1	0	6	57	1.37	299			3.07	28	18
19	10.05	1642	1.08	86	4.02	208	3.45	338	4	4	0	0	6.5	64	1.30	274					19
20	10.10	1654	1.10	88	4.08	211	3.45	338	5	4	1	1	6½	64	1.25	257					20
21																					21
22	10.10	1654	1.12	90	4.06	209	3.45	338	6	5	1	1	7	71	1.26	260					22
23	10.06	1644	1.06	84	4.09	207	3.45	339	6	6	2	D½	8	87	1.25	257			3.11	©57	23
24	10.06	1644	1.16	94	4.08	211	3.45	338	6	5	2	½	8	87	1.28	267					24
25	10.04	1649	1.10	88	4.06	209	3.45	338	6	6	2	0	8	87	1.37	199			3.09	65	25
26	9.96	1620	1.16	94	4.08	211	3.35	332	6	7	2	1.5	9	103	1.55	368					26
27	9.82	1586	1.18	95	4.08	211	3.32	327	6	5	2	3½	9	103	1.40	310					27
28																					28
29	9.79	1579	1.22	108	4.08	211	3.32	327	7	5	2	-	9.5	112	1.20	240					29
30	9.72	1562	1.16	94	4.08	211	3.32	327	7	4	2	2	9.5	112	1.16	228			3.06	62	30
31	9.69	1555	1.20	97	4.06	209	3.32	327	3	2	3	2	9.5	95	1.11	213					31
	48 69																				

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IWRB00003427

Aug 1984

	No. 60		No. 51		No. 52		No. 15		Main L.S.		Drug	Kraft	No. 76		No. 19		No. 1		No. 2		
1	9.65	1546	1.20	.97	4.06	209	3.32	327	4	3	3	2	8.5	95	1.10	210			3.03	.59	1
2	9.65	1546	1.24	102	4.08	211	3.32	327	2	4	3	2	8.5	95	Recorder out of order						2
3.	9.67	1550	1.24	102	4.08	211	3.32	327	3	3	4	3.5	8.5	95	1.02	189					3
4																					4
5	9.70	1582	.90	69	3.96	198	3.32	327	2	3	4	3	3.5	25	1.15	225					5
6	9.59	1531	1.30	108	4.10	213	3.32	327	4	3	4	0	8.5	95	1.08	205			3.06	62	6
7	9.60	1534	1.26	104	4.10	213	3.32	327	3	3	4	5	9	104	1.06	199					7
8	9.10	1534	1.28	106	4.10	213	3.32	327	2	3	4	7	9	104	.94	170					8
9	9.59	1531	1.24	102	4.08	211	3.32	327	4	3	4	8	9	104	.90	160					9
10	9.58	1529	1.28	106	4.08	211	3.32	327	3	3	4	3.5	9	104	.88	155					10
11																					11
12	9.60	1534	1.22	100	4.06	209	3.32	327	4	2	3	7	9	104	.86	151					12
13	9.44	1495	1.26	104	4.06	209	3.32	327	3	2	2	2	9	104	.84	146			3.01	57	13
14	9.45	1498	1.24	102	4.06	209	3.32	327	2	2	3	3	8	86	.83	144	2.83	35			14
15	9.44	1496	1.26	104	4.06	209	3.32	327	2	2	2	1	9	104	.82	142			3.01	57	15
16	9.42	1543	1.32	110	4.08	211	3.32	327	1	2	4	1	9	104	.82	142					16
17	9.44	1548	1.28	106	4.06	209	3.32	327	2	2	4	1.5	9	104	.89	158					17
18																					18
19	9.27	1495	1.26	104	4.06	209	3.32	327	3	2	4	2	9	104	.83	144					19
20	9.21	1493	1.28	106	4.08	211	3.32	327	3	3	3	5	8	86	.86	151			3.09	85	20
21	9.18	1486	1.28	106	4.08	211	3.32	327	4	2	4	2	8	86	.96	174					21
22	9.24	1500	1.28	106	4.10	213	3.32	327	3	2	3	3	8	86	.94	170			3.01	57	22
23	9.21	1493	1.30	108	4.10	213	3.32	327	2	2	3	4	8.5	95	.92	165					23
24	9.24	1500	1.30	108	4.10	213	3.32	327	3	2	3	2	8.5	95	.89	158					24
25																					25
26	9.21	1493	1.30	108	4.10	213	3.32	327	4	3	3	4	8	86	.87	153					26
27	9.23	1498	1.30	108	4.10	213	3.32	327	7	5	2	2	8	86	.86	151					27
28	8.83	1406	1.24	102	4.10	213	3.32	327	7	4	3	2	8	86	.92	165					28
29	9.04	1449	1.26	104	4.08	211	3.32	327	8	4	1	1	8	86	.94	170			2.97	60	29
30	9.01	1447	1.30	108	4.04	207	3.32	327	7	4	1	1	8	86	.91	163					30
31	9.01	1447	1.30	108	4.00	207	3.32	327	8	4	1	1	8	86	.90	160					31

46830

IWRB00003428

Aug 199?

	No 14		No 54		No 53		No 56		No 10		No 11		M.J.B.		Marley		ABCDDr.		F.S.		
1	3.46	416	1.47	15	7.25	1110	6.92	636	2.10	40											1
2	3.48	421	1.48	16	7.24	1107	6.92	636	2.09	39											2
3	3.47	419	1.47	15	7.33	1139	6.98	6.48	2.09	39											3
4																					4
5	3.40	402	1.54	18	7.16	1078	6.75	6.00	2.09	39											5
6	3.59	447	1.54	18	7.30	1128	6.87	6.25	2.10	40											6
7	3.71	477	1.54	18	7.35	1143	6.82	6.15	2.10	40											7
8	3.71	477	1.49	17	7.31	1132	6.80	6.11	2.09	39											8
9	3.71	477	1.52	17	7.33	1139	6.83	6.17	2.09	39											9
10	3.67	467	1.49	17	7.31	1132	6.81	6.13	2.06	38											10
11																					11
12	3.65	462	1.41	14	7.34	1143	6.82	615	2.06	38											12
13	3.61	452	1.63	23	7.30	1128	6.79	609	2.06	38	3.85	106	2.22	105							13
14	3.64	460	1.61	22	7.29	1125	6.78	606	2.04	37	3.88	110	2.72	179							14
15	3.83	508	1.81	39	7.30	1128	6.80	611	2.03	35	4.16	155	2.42	125		4			32	8	15
16	3.58	445	1.43	15	7.30	1128	6.78	606	2.03	35	4.16	155	2.48	141		1			12	13	16
17	3.44	460	1.55	18	7.36	1150	6.82	615			3.67	082									17
18																					18
19	3.65	462	1.20	—	7.34	1143	6.74	598	2.06	38											19
20	3.43	409	1.43	15	7.22	1099	1.81	613	2.13	47											20
21	3.52	431	1.49	16	7.20	1092	6.76	602	2.14	47		608									21
22	3.53	433	1.47	15	7.18	1085	6.75	6.00	2.13	47											22
23	3.54	435	1.48	15	7.20	1092	6.76	602	2.13	47											23
24	3.53	433	1.48	15	7.18	1085	6.74	598	2.13	47											24
25																					25
26	3.53	433	1.49	16	7.24	1107	6.77	604	2.17	50											26
27	3.55	438	1.55	18	7.23	1103	6.79	609	2.15	48											27
28	3.49	423	1.58	20	7.15	1074	6.74	598	2.15	48											28
29	3.53	433	1.63	23	7.10	1057	6.70	590	2.17	50											29
30	3.47	419	1.63	23	7.10	1057	6.76	602	2.17	50											30
31	3.44	412	1.59	20	7.06	1042	6.73	596	2.18	50											31

IWRB00003429

Sept 1991

	No 14		No 54		No 53		No 56		No 10		No H		M.J.B.		Marley		ABCD Dr		F	S	
1									2.14	47											1
2	3.41	405	1.63	23	7.10	1057	6.76	602	2.14	47											2
3	3.41	405	1.55	17	7.11	1060	6.78	606	2.14	47											3
4	3.46	416	1.59	20	7.16	1078	6.77	604	2.16	49											4
5	3.41	405	1.61	19	6.96	©967	6.65	580	2.15	48											5
6	3.29	378	1.63	23	6.86	940	6.64	578	2.10	44											6
7	3.18	©391	1.49	©12	6.75	897	6.59	©532	2.06	42											7
8																					8
9	3.19	393	1.35	4?	6.92	953	6.73	560	2.16	49											9
10	3.40	443	1.71	19	7.15	1032	6.76	566	2.20	52											10
11	3.58	487	1.74	21	7.08	1006	6.70	554	2.20	52											11
12	3.56	482	1.91	35	6.78	907	6.50	515	2.36	68											12
13	3.29	416	1.94	38	6.72	886	6.03	540	2.30	61											13
14	3.30	419	1.83	28	6.75	897	6.60	534	2.28	59											14
15																					15
16	3.28	414	1.74	21	6.73	891	6.60	534	2.25	57											16
17	3.18	391	1.68	18	6.49	815	6.48	511	2.24	56											17
18	3.10	373	1.71	19	6.35	772	6.31	479	—	—											18
19	3.09	371	1.72	20	6.34	769	6.30	477	2.26	57											19
20	3.09	371	1.71	19	6.32	763	6.29	475	2.26	57											20
21	3.07	367	1.65	17	6.35	772	6.27	472	2.28	59											21
22																					22
23	3.14	382	1.69	18	6.40	787	6.34	485	2.28	59											23
24	3.07	367	1.83	28	6.08	693	6.13	446	2.31	62											24
25	2.93	337	1.90	34	6.02	676	6.13	446	2.32	63											25
26	3.10	370	1.42	122	5.98	665	6.31	479	2.41	73	3.00	47								.68=74	26
27	2.92	335	1.92	36	5.95	656	6.15	450	2.37	69											27
28	2.82	314	1.60	16	5.93	6.51	6.03	429	2.35	67										.42-35	28
29																			7		29
30	2.84	326	1.92	36	5.91	645	6.05	455	2.40	72	3.36	48									30
31											2.84										31

IWRB00003430

Sept 1991

	No 60		No 51		No 52		No 15		Main L.S.		Dry Krall		No 16		No 19		No 1		No 2		
1				100	3.98	200	3.32	327	6	4	1	3	8	86							1
2	9.01	1447	1.52	100	3.98	200	3.32	327	7	4	1	1	8	86	.92	165					2
3	9.00	1445	1.30	108	3.98	200	3.32	327	7	4	1	1	8	86	.90	160			2.98	64	3
4	8.98	1440	1.30	108	3.98	200	3.32	327	5	3	2	0	8	86	.88	155					4
5	8.70	1376	1.26	104	3.98	200	3.32	327	8	7	1	1	8	86	.87	153			2.98	64	5
6	8.71	1378	1.26	104	3.92	194	3.32	327	6	4	0	3	7	71	.84	146					6
7	8.71	1383	1.28	106	3.96	198	3.32	327	5	4	0	3	6	57	.82	142					7
8																					8
9	8.69	1378	1.32	110	4.00	202	3.32	327	9	6	0	7	6	57	.89	158					9
10	8.70	1380	1.38	116	4.02	204	3.32	327	10	9	6	13	7	71	1.21	243			3.16	80	10
11	8.69	1378	1.46	125	3.98	200	3.32	327	9	8	8	15	7	71	1.16	228					11
12	8.27	1281	1.50	129	3.98	192	3.32	327	10	7	6	28	7	71	1.19	237					12
13	8.26	1279	1.56	136	3.92	194	3.32	327	10	5	6	20	7	71	1.13	219					13
14	8.26	1279	1.50	129	3.92	194	3.32	327	10	6	7	12	6	57	1.09	207					14
15																					15
16	8.19	1263	1.52	132	3.92	194	3.32	327	10	6	7	12	6	57	1.03	192					16
17	7.77	1168	1.60	141	3.78	179	3.32	327	13	8	9	—	6	57	1.00	184			3.00	63	17
18	7.78	1170	1.40	118	3.70	171	3.32	327	9	5	9	10	5	42	.97	177					18
19	7.79	1172	1.38	116	3.68	169	3.32	327	10	6	9	11	4.5	37	.95	172			2.94	61	19
20	7.78	1170	1.38	116	3.68	169	3.32	327	11	6	9	11	4.5	37	.93	167					20
21	7.76	1166	1.40	118	3.68	169	3.22	309	9	4	9	11	5	42	.93	167					21
22																					22
23	7.77	1168	1.50	129	3.74	175	3.22	309	8	3	9	10	5	42	.90	160					23
24	7.20	1028	1.45	124	3.65	166	3.17	301	9	3	8	10	6	57	.89	158			2.98	61	24
25	7.31	1050	1.30	108	3.48	148	3.10	290	8	4	8	10	6	57	.88	155					25
26	7.22	1034	1.42	121	3.52	154	3.10	290	6	3	9	8	6	57	.87	153			2.98	61	26
27	7.19	1026	1.42	121	3.58	160	3.10	290	6	4	9	8	6	57	.87	153					27
28	7.19	1026	1.48	127	3.58	160	3.10	290	6	4	9	9	6	57	.87	153					28
29																					29
30	7.18	1024	1.28	106	3.50	153	3.10	290	7	2	9	9	4	30	.94	170					30
31																					31

9806

23879

37,210

IWRB00003431

Oct 1991

	No 14		No 54		No 53		No 56		No 60		No 15		Mais L.S.		Dry Krall		No 16		Poor Mix		
1	2.81	312	1.50	12	5.90	6.42	6.01	4.25	7.19	1026	3.10	290	6	4	9	7	4	30		1	1
2	2.72	294	1.28	0	5.91	6.45	6.05	4.32	7.18	1024	3.08	286	6	3	8	7	0	—		1	2
3	2.73	296	1.36	8	5.90	6.42	6.03	4.29	7.19	1026	3.08	286	5	3	8	7	1	4		0	3
4	2.74	296	1.42	10	5.93	6.51	6.06	4.34	7.16	1020	3.06	283	6	3	9	8	0	—		1	4
5																					5
6																					6
7	2.76	302	1.41	10	5.95	6.56	6.08	4.37	7.18	1024	3.07	285	6	4	9	8	0	—	1	1	7
8	2.77	304	1.43	10	5.98	6.65	6.12	4.45	7.16	1020	3.06	283	6	4	9	9	1	4	—	—	8
9	2.77	304	1.40	10	5.99	6.67	6.13	4.46	7.15	1018	3.06	283	7	3	8	10	1	4		1	9
10	2.79	308	1.41	10	6.04	6.81	6.16	4.52	7.21	1030	3.04	280	6	5	8	11	1	4		1	10
11	2.82	314	1.42	10	6.15	7.13	6.24	4.66		Off Site Pull											11
12																					12
13																II 10	1.48	82			13
14																	2.46	80			14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31

IWRB00003432

10,228

	Nov. 1991																			
	Magic		Dec		Jan-1992 Feb				Mar 1992				# 56		# 53		# 14		# 60	
1	848.6	8204						190							2.94	159	2.42	213	196	226
2			8538	12,654	857.7	15,946			867.5	27,679					2.14	70	—	—		
3							860.6	19052												
4	849.1	8547							867.9	28,231									1.59	190
5															2.68	126	1.88	137	1.49	180
6			8544	12,788	858.2	16,057			868.2	28,651					2.38	92	1.96	147	1.99	229
7							860.9	19388							2.50	105	2.00	152	2.00	230
8					858.4	16,666							3.10	71	1.56	112			2.30	263
9									868.9	29,499										
10							861.3	19,945												
11									869.2	30,073			3.18	78	2.64	121			2.22	254
12	850.4	9493							869.6	30,653			3.40	98	2.64	121			1.59	190
13			855.5	13.795	858.8	17,086							3.20	80	1.40	94			1.16	153
14							862.7	21,491					3.00	63	2.14	70			1.69	199
15					859.0	17,296							3.04	66	2.20	75			2.30	263
16									869.9	31,088										
17					859.2	17512														
18	851.4	10,963							870.1	31381			3.30	89	2.50	105			2.00	230
19			856.3	14,554			863.5	22,466					3.28	87	2.40	94			1.95	225
20	851.7	10,500	856.4	14,653					870.4	31,826			3.20	80	2.23	77			1.96	226
21					859.5	17,836	864.1	23,207					3.20	80	2.34	88			1.38	171
22													3.04	66	2.16	66			0	00
23									870.7	32,273										
24					859.8	18,162	865.2	24,608											2	24844
25	11,149						865.6	25,128	871.0	32,720										
26									871.1	32,872										
27					860	18,380	866.3	21,054	871.2	33,024								AC	44	9688
28																				
29																				
30									871.6	33,632										
31																				

IWRB00003433

APRIL 1992

	NO 60		NO 51		NO 52		NO 15		NO 16		MAIN LS		DRY	KRALL	POORMAN		NO 19		NO 1		NO 2		
1																							1
2																							2
3																							3
4																							4
5																							5
6	3.15	320					1.50	96															6
7	4.69	540	.90	60	1.00	65	1.70	115	1"	3'8													7
8	4.74	548	1.42	109	1.90	67	1.95	142	4"	31'													8
9	4.67	530	.76	49	2.40	83	1.95	142	7"	71'													9
10	4.74	548	.78	50	2.84	110	1.95	142	7½"	79'													10
11	4.73	547	.40	23	2.70	100	1.94	143	6	56"													11
12																							12
13	4.89	573	.36	21	2.68	99	1.87	133	6	56													13
14	6.03	780	.14	6	2.62	95	2.10	159	4	31													14
15	7.12	998	1.06	70	2.94	117	2.10	159	4½	37							1.40	322			3.74	85	15
16	7.30	1034	1.37	95	3.52	165	2.19	170	7	71	7	3			7		1.42	329	3.34	15	3.77	90	16
17	7.32	1038	1.30	93	3.50	164	2.33	187	7	71'	3	2											17
18	7.32	1038	1.34	96	3.84	198	2.42	199	6½	64	2	2											18
19																							19
20	7.80	1139	1.62	126	3.40	154	2.42	199	9	103	9	6											20
21	7.76	1131	1.44	107	3.76	189	2.42	199	9	103	6	2	8	12	5								21
22	7.78 ©	1137	1.26	89	3.96	211	2.58	220	9"	103	8	4	9	—	—								22
23	7.14	1679	1.16	79	3.92	207	2.57	219	9	103	12	7	8	12	5								23
24	7.23	1098	1.06	79	3.90	204	2.57	219	4½	37	12	6	9	10	5								24
25	7.23 7.22	1098 1096	.90	57	3.84	198	2.60	223	7½	79	7	6	5	10	5								25
26																							26
27	7.57	1172	.90	57	3.82	196	2.60	223	7	71	8	2	6	8	1								27
28	7.56	1170	1.08	72	3.90	204	2.60 ©	200	6½	64	8	4	9	8									28
29	7.69	1194	1.00	65	3.76 ©	177	2.60	200	6½	64	3	0	7	—	—		1.54	377	3.19	12	3.71	83	29
30	7.69	1199	1.00	65	3.72	173	2.60	200	5½	49	3	4	7	1.5	6		2.00	587			3.86	103	30
31		22,595					2.74	111															31

23.1.93

APRIL 1992

	MAGIC		NO 3		NO 4		NO 5		EAST		WEST		HJB		EAST SPILL		WASTE #1		WASTE #2		NO 48		
1	871.9	34.091																					1
2																							2
3	872.1	34,400																					3
4																							4
5																							5
6	872.5	35,024																					6
7	872.8	35498																					7
8																							8
9																							9
10	873.1	35964																					10
11	873.2	36124																					11
12																							12
13	873.5	36604																					13
14	873.6	36764																					14
15	873.8	37084																					15
16	873.9	37244																					16
17	874.1	37567																					17
18	874.2	37730																					18
19																							19
20	874.6	38385																					20
21	874.7	38549																					21
22	874.9	38,877																					22
23	875.1	39,207																					23
24	875.2	39,373																					24
25	875.4	39,707																					25
26																							26
27	875.7	40,208																					27
28	875.8	40,375																					28
29	875.9	40,542																					29
30	875.3	39,540							60	.95	41	1.10	132										30
31																							31

IWRB00005435

MAY 1992

	NO 17		NO 9		X		Y		Z		NO 21		+ OR −		NO 93		NO 17X						
1	.42	18	.70	13	1.56	@238	1.80	@142	0.77	59	2.28	143	37		3.00	13	4.10	19					1
2	.30	78	.54	10	1.60	249	2.80	1.42	.86	71	2.14	122	36		3.20	16	4.10	19					2
3	Sunday																						3
4	1.00	52	.72	13	1.64	259	2.80	142	.86	71	2.36	156	46		3.22	17	4.12	20					4
5	.88	44	.64	12	1.50	223	2.80	142	.88	80	2.30	146	1		3.26	18	4.10	19					5
6	.50	21	.58	11	1.48	218	2.90	153	.88	80	2.30	146		15	2.90	12	4.10	19					6
7	.50	21	.50	6	1.44	208	2.90	153	.88	80	1.80	78		25	2.88	12	4.10	19					7
8	0	0	.40	1	1.70	275	2.90	153	.88	80	1.72	68	42		2.98	13	4.14	21					8
9	.22	10	.44	3	1.58	243	2.90	153	.88	80	2.00	103		10	3.30	18	4.14	21					9
10	Sunday																						10
11	.96	49	.76	14	1.68	270	2.90	153	.88	80	2.40	162	37		3.34	19	4.22	28					11
12	.80	38	.78	15	1.68	270	2.90	153	.88	80	2.48	175	37		3.30	18	4.18	25					12
13	.70	32	.82	16	1.70	275	2.90	153	.88	80	2.50	178	42		3.30	18	4.20	26					13
14	.60	26	.82	16	1.70	275	2.90	153	.88	80	2.40	162	42		3.28	18	4.20	26					14
15	.60	26	.80	16	1.68	270	2.90	153	.88	80	2.40	162	37		3.28	18	4.20	26					15
16	.60	26	.80	16	1.64	259	2.90	153	.88	80	2.40	@160	26		3.32	19	4.20	26					16
17	.86	44	.78	15	1.58	243	2.90	153	.88	80	2.18	127	10		3.30	18	4.20	26					17
18	.88	44	.78	15	1.58	243	2.90	153	.88	80	2.18	127	10		3.30	18	4.20	26					18
19	.64	29	.70	13	1.06	125	2.80	142	.82	71	1.01	14		88	3.26	18	4.20	26					19
20	.54	23	.62	12	.98	109	2.72	133	.76	63	1.01	14		87	3.26	18	4.16	23					20
21	.60	26	.52	6	.96	105	2.66	127	.75	62	1.04	15		84	3.24	17	4.16	23					21
22	.40	17	.52	6	.92	78	2.62	123	.61	45	0	−		70	3.22	17	4.12	20					22
23	.20	9	.40	1	1.26	167	2.62	123	.70	55	.93	11		11	3.20	16	4.16	23					23
24	Sunday																						24
25	.12	5	.52	6	1.28	171	2.60	121	.80	68	1.27	27		18	3.06	14	4.16	23					25
26	.10	3	.60	5	1.26	167	2.62	123	.80	68	1.12	19		24	3.16	16	4.16	23					26
27	.16	7	.46	1	1.18	149	2.62	123	.75	62	.94	12		36	3.14	15	4.16	23					27
28	.18	9	.40	1	1.16	145	2.63	124	.70	55	.90	10		34	3.08	14	4.20	26					28
29	.14	5	.52	6	1.36	189	2.59	120	.70	55	.93	12	14		3.12	15	4.30	36					29
30	.22	10	.54	7	1.46	213	2.59	120	.80	68	1.17	21	25		3.12	15	4.30	36					30
31																							31

IWRB00003436

MAY 1992

60

	NO 14		NO 53		NO 56		NO 10		NO 54		NO 11		MJB		MARLEY		A B C D E		F		S		
1	2.72	300	5.92	757	5.87	466	2.07	57	1.40	12	3.00	50	2.78	181							.24	14	1
2	3.13	387	5.87	772	5.87	466	2.06	56	1.90	43	3.88	171	1.96	212					8	13			2
3	3.06	371	5.89	778	5.90	472					4.15	220	2.78	183						10			3
4	2.96	349	5.91	784	5.91	474	2.10	59	1.70	24			2.90	201		11		8		10	.20	10	4
5	3.01	360	5.85	766	5.85	463	2.12	61	1.80	32	4.20	237	2.76	171		2				10	.10	2	5
6	2.73	302	5.85	766	5.98	483	2.08	57	1.61	18	4.18	233	2.68	173		2		3	8		.16	7	6
7	2.74	304	5.84	763	5.90	472	2.09	58	1.39	11	4.18	233	2.68	173		2		3	8		.14	5	7
8	2.74	304	5.98	805	6.03	496	2.05	55	1.36	10	4.22	241	2.78	181		2		3	6		.14	5	8
9	2.86	328	5.98	805	5.91	474	2.07	57	1.50	15	4.30	259	2.94	208		4		3	5		.24	14	9
10	Sunday																						10
11	3.06	371	6.08	837	6.07	496	2.00	50	1.83	35	4.30	259	2.98	215	6/2	5		0	5		.24	14	11
12	3.05	369	6.07	833	6.02	494	2.07	©42	1.80	32	4.32	264	2.94	©246		4		3	5		.24	(14)	12
13	3.07	373	6.10	843	6.06	502	2.06	41	1.80	32	4.32	264	2.96	250	.18	4		2	4		.26	16	13
14	3.05	369	6.10	843	6.05	500	2.05	40	1.80	©36	4.33	©264	2.94	248	.10	4		3	4		.26	16	14
15	3.03	©354	6.09	840	6.06	©474	2.06	41	1.78	34	4.35	208	2.96	250	.10	4		2	3		.26	16	15
16	3.11	371	6.09	840	6.00	463	2.03	39	1.80	36	4.35	208	2.90	239	.14	7		4	5		.28	18	16
17	Sunday																						17
18	3.16	369	6.09	840	5.97	457	2.11	44	1.70	27	4.40	218	2.82	224	.04	4		—	2		.18	18	18
19	3.08	364	6.04	824	5.93	450	2.10	44	1.68	25	4.37	212	2.82	224	.02	2		4	2		.24	14	19
20	3.04	356	6.04	824	5.88	441	2.08	42	1.62	21	4.40	218	2.70	203		2		6	2		.24	14	20
21	2.99	345	6.04	824	5.89	443	2.10	44	1.48	16	4.39	216	2.64	192		—		2	1½		.20	10	21
22	2.97	341	5.98	805	5.87	439	2.05	40	1.23	4	OFF					—		—	—				22
23	3.13	375	5.98	805	5.93	450	2.07	42	1.80	36													23
24	Sunday																						24
25	2.98	343	6.00	812	5.95	458	2.13	46	1.60	28													25
26	3.00	347	5.95	796	5.85	436	2.11	44	1.62	21													26
27	2.98	343	5.89	778	5.81	429	2.06	41	1.58	19													27
28	2.98	343	6.60	©852	5.83	432	2.14	47	1.54	18													28
29	3.02	351	6.03	862	5.87	439	2.12	45	1.65	23													29
30	2.98	343	5.92	859	5.86	437	2.13	46	1.62	21													30
31	Sunday									Total		4602											31

IWRB00003433

JUNE 1992

	NO 17		NO 9		X		Y		Z		NO 21		+ OR −		NO 93		NO 17X						
1	24	11	57	6	1.42	204	2.59	120	.90	18	1.50	45	4		3.06	14	4.30	43					1
2	.16	10	.54	7	1.56	233	2.65	126	.81	70	1.53	47	37		3.08	19	4.40	47					2
3	.22	16	.40	1	1.56	233	2.70	128	.80	67	1.40	32	38		3.06	18	4.40	47					3
4	.18	16	.56	7	1.54	228	2.70	128	.80	67	1.43	35	33		3.08	19	4.40	47					4
5	.18	3	.64	11	1.50	218	2.70	128	.80	67	1.34	26	93		3.06	18	4.40	47					5
6	.36	19	.64	11	1.50	218	2.70	128	.80	67	1.37	29	23		2.90	15	4.40	47					6
7	...	...	...	...																			7
8	.48	22	.70	12	1.56	233	2.70	128	.81	70	1.47	39	35		2.88	15	4.46	47					8
9	.34	18	.62	10	1.54	228	2.75	134	.81	70	1.57	50	24		2.84	14	4.38	45					9
10	.14	10	.68	9	1.52	223	2.75	132	.81	63	1.28	20	28		2.96	16	4.40	47					10
11	.12	0	.54	7	1.50	218	2.75	132	.80	62	1.11	05	24		2.96	16	4.40	47					11
12	.18	3	.50	5	1.54	228	2.75	132	.80	62	1.00	0	16		3.00	17	4.40	47					12
13	26	15	.54	7	1.70	269	2.75	132	.81	63	1.02	0	74		2.96	16	4.50	27					13
14	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—					14
15	60	22	.82	16	1.62	248	2.75	136	.75	45	1.85	84	67		3.12	19	4.42	21					15
16	.28	16	.82	16	1.64	253	2.75	136	.77	47	1.89	89	70		3.12	19	4.40	19					16
17	.82	32	.88	19	1.74	280	2.75	136	.77	47	2.05	111	97		3.16	20	4.46	24					17
18	.74	18	.94	22	1.58	238	2.75	136	.75	45	2.21	134	57		3.16	20	4.46	24					18
19	.50	20	.88	19	1.48	213	2.75	136	.77	47	1.93	95	30		3.12	19	4.40	19					19
20	.40	19	.76	14	1.49	204	2.75	136	.77	47	1.53	46	21		3.10	19	4.40	19					20
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					21
22	.18	3	.50	5	1.50	218	2.75	136	.68	38	.90	0	44		2.94	16	4.36	17					22
23	.18	3	.54	7	1.40	194	2.75	136	.55	27	.77	5	27		2.80	15	4.40	19					23
24	.14	1	.48	5	1.54	228	2.75	136	.55	27	.81	6	65		2.86	14	4.50	27					24
25	.14	1	.22	0	1.58	213	2.75	136	.80	50	1.26	16	27		2.62	11	4.50	27					25
26	.16	2	.18	0	1.76	245	2.85	147	.81	52	1.21	21	86		3.12	19	4.50	27					26
27	.68	25	.18	0	1.90	325	2.85	147	.85	56	1.68	73	112		3.12	19	4.50	27					27
28	—	—	—	—	—																		28
29	.54	21	.44	3	1.84	308	2.85	147	.85	56	1.71	69	105		3.14	20	4.50	27					29
30	.98	35	.54	7	1.90	325	2.85	147	.84	55	1.80	88	123		3.16	20	4.54	31					30
31																							31

IWRB00003438

JUNE 1992

	MAGIC		NO 3		NO 4		NO 5		EAST		WEST		HJB		EAST SPILL		WASTE #1		WASTE #2		NO 48		
	845.4	6203																					1
	845.7	6374																					2
3	846.1	6605																					3
4	847.5	7472																					4
5	847.7	7601																					5
6	847.9	7731																					6
7																							7
8	848.4	8068																					8
9	848.6	8204																					9
10	848.8	8340																					10
11	849.0	8476																					11
12	849.2	8618																					12
13	849.4	8761																					13
14	8																						14
15	849.8	9049																					15
16	850.0	9193																					16
17	850.3	9418																					17
18	850.5	9568																					18
19	850.7	9719																					19
20	850.9	9871																					20
21	—	—																					21
22	851.4	10163																					22
23	851.6	10421																					23
24	851.8	10579																					24
25	851.9	10658	6	A.M.																			25
26	852.1	10815																					26
27	851.0	9947	3.97	500	4.45	347			1.69	161	1.74	81	1.03	118									27
28			4.16	604	5.20	380			2.05	206	2.06	103	1.18	150									28
29	848.1	7464	4.16	604	5.01	456			2.10	212	2.06	103	1.20	154									29
30	845.5	6260	4.12	542	4.95	444			2.06	207	2.04	102	1.17	147									30
31		Total		2250		1327		—															31

JULY 1992

	NO 60		NO 51		NO 52		NO 15		NO 16		MAIN LS		DRY	KRALL	POORMAN	NO 19		NO 1		NO 2		
1	8.64	1327	1.18	100	3.24	129	3.14	290	2	10	5	3	1	4	1	1.19	393			3.88	65	1
2	8.64	1327	1.26	114	3.54	154	3.15	292	3	19	5	3	2	4	1	1.41	352					2
3	8.65	1330	1.28	117	3.54	154	3.15	292	2.5	15	6	4	1	1	0	1.35	328			3.97	75	3
4	8.30	1249	1.20	103	3.52	152	3.15	292	3	20	6	5	1	4	1	1.28	302			3.88	65	4
5	8.31																					5
6	8.30	1249	1.08	10	3.46	148	3.14	290	2	10	5	4	1	5	0	1.18	265					6
7	8.30	1249	1.20	103	3.26	131	3.13	289	2	10	6	5	1	1	0	1.13	248			3.79	56	7
8	8.29	1247	1.22	107	3.28	132	3.16	282	1½	7	4	3	1	1	0	1.09	234					8
9	8.02	1186	1.22	107	3.26	131	3.15	280	1½	7	5	4	0	2	0	1.08	230			3.78	55	9
10	8.07	1197	1.08	85	3.22	127	3.14	278	1	4	4	5	0	2	0	1.06	224					10
11	8.07	1197	1.20	103	3.12	113	3.14	278	0		2	2	0	0	0	1.03	213					11
12																						12
13	8.08	1199	1.34	128	3.16	123	3.13	277	0	—	4	3	1	0	0	1.00	203					13
14	8.08	1199	1.30	121	3.14	121	3.13	277	0	—	2	5	1	6	2	.97	194			3.74	52	14
15	8.08	1199	1.34	92	3.14	129	3.11	273	0		2	4	1	3	0	.94	187					15
16	8.07	1197	1.34	92	3.10	126	3.10	272	0		2	3	1	0	0	.93	181			3.70	48	16
17	8.19	1224	1.30	86	3.10	126	3.19	287	0		0	1	0	2	1	.91	174					17
18	8.43	1279	1.30	86	3.10	126	3.22	292	0		1	1	0	2	0	.89	168			3.71	49	18
19																						19
20	8.41	1275	1.36	95	3.12	127	3.26	299	1½	7	4	4	0	0	0	.89	168					20
21	8.41	1275	1.40	102	3.12	127	3.35	315	0		1	2	1	1	3	.86	159			3.71	49	21
22	8.41	1275	1.38	98	3.12	127	3.36	317	0		1	4	0	1	4	.85	155					22
23	8.32	1254	1.40	102	3.10	126	3.36	317	½	1.9	1	2	0	1	4	.85	155			3.70	48	23
24	8.31	1252	1.40	102	3.12	127	3.46	336	2	10	0	2	1	1	4	.82	146					24
25	8.30	1249	1.40	102	3.10	126	3.44	332	2	10	2	1	1	1	2	.80	140			3.68	47	25
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					26
27	8.31	1252	1.42	105	3.12	127	3.45	334	½	1.9	3	1	0	1	3	.76	128					27
28	8.19	1224	1.34	92	3.18	132	3.40	319	0	0	2	1	0	4	4	.76	128			3.63	43	28
29	8.19	1224	1.36	91	3.24	132	3.32	305	0	0	1	0	0	2	3	.75	125					29
30	8.20	1226	1.32	95	3.26	134	3.35	310	0	0	0	0	1	1	0	.73	119			3.56	39	30
31	8.37	1252	1.32	95	3.26	134	3.35	310	0	0	0	2	0	1	0	.76	125					31

Total 37260/38587

JULY 1992

	NO 14		NO 53		NO 56		NO 10		NO 54		NO 11		MJB		MARLEY		A B C D E		F		S		
	3.06	353	6.29	934	6.16	489	2.17	50	1.62	15	4.51	2.14	2.68	194		1		3		10			1
	3.08	356	6.36	955	6.22	500	2.18	51	1.64	15	—	—	—	—		—		—		9			2
3	3.17	373	6.36	955	6.27	509	2.20	54	1.68	18											.16	7	3
4	3.00	342	6.14	891	6.05	469	2.22	55	1.69	17										-	.20	10	4
5																							5
6	2.95	333	6.04	863	5.99	458	2.15	48	1.72	18											.12	3	6
7	2.90	324	6.03	©768	5.97	©461	2.11	45	1.64	©20													7
8	2.90	324	6.07	778	6.02	470	2.09	43	1.57	17													8
9	2.87	©333	5.98	755	5.94	456	2.09	43	1.52	16													9
10	2.81	322	5.93	742	5.89	444	2.18	44	1.53	16													10
11	2.79	317	5.97	752	5.98	463	2.06	41	1.60	18													11
12																							12
13	2.81	322	6.02	765	5.97	461	2.13	46	1.49	15													13
14	2.83	325	6.04	771	6.08	467	2.03	39	1.60	19													14
15	2.82	324	6.05	773	6.01	469	2.07	©32	1.53	16													15
16	2.80	320	6.03	768	5.99	465	2.04	33	1.49	15													16
17	2.89	336	6.07	778	5.97	461	2.04	33	1.56	17													17
18	2.97	351	6.19	811	6.00	467	1.90	24	1.54	16													18
19	3.12	379	6.36	857	6.06	478			—														19
20	3.09	373	6.34	852	6.03	472	1.96	27	1.41	12	2.15	©7											20
21	3.14	383	6.42	874	6.08	481	1.97	28	1.41	©7													21
22	3.17	389	6.37	©846	6.09	©519	2.00	30	1.43	8													22
23	3.16	387	6.34	836	6.06	513	1.97	28	1.50	10													23
24	3.19	393	6.37	846	6.08	517	1.92	25	1.52	18													24
25	3.21	©395	6.35	841	6.06	513	1.90	27	1.52	10													25
26	—	—	—	—	—	—	—	—	—	—													26
27	3.21	395	6.40	©855	6.11	522	1.86	24	1.45	8													27
28	3.14	381	6.33	835	6.03	507	1.86	24	1.38	4													28
29	3.02	358	6.30	827	6.10	521	1.85	24	1.42	15													29
30	3.02	358	6.29	824	6.08	©449	1.85	24	1.40	4													30
31	3.05	364	6.36	844	6.12	456	1.86	24	1.41	14													31

Total 221

IWRB000034

AUGUST 1992

	NO 17		NO 9		X		Y		Z		NO 21		+ OR −		NO 93		NO 17X						
1	.36	15	.24	0	1.50	221	2.78	145	.75	57	.96	0	19		3.06	15	4.24	7					1
2	—	—	—	—																			2
3	.70	21	.30	0	1.54	230	2.78	145	.82	66	1.02	4	19		3.14	16	4.50	16					3
4	.66	20	.38	0	1.57	226	2.78	145	.85	70	1.13	13	11		3.14	16	4.50	16					4
5	.68	21	.20	0	1.54	230	2.78	145	.82	66	1.07	8	19		3.14	ⓓ18	4.50	ⓓ18					5
6	.72	22	.30	4	1.56	235	2.77	144	.83	68	1.07	8	23		3.06	17	4.50	18					6
7	.84	26	.32	4	1.56	2.35	2.78	145	.85	70	1.11	13	20		3.08	17	4.60	25					7
8	.92	30	.44	4	2.56 [c]	243	2.78 [c]	146	.88 [c]	88	1.24	24	9		3.10	17	4.50	18					8
9																							9
10	.90	29	.48	4	1.54	238	2.78	146	.87	86	1.23	23	6		3.10	17	4.50	18					10
11	.86	27	.56	6	1.54	238	2.78	146	.87	86	1.21	21	6		3.10	17	4.50	18					11
12	.98	28	.52	4	1.54	238	2.78	146	.88	88	1.22	22	4		3.10	17	4.50	18					12
13	.76	23	.46	4	1.56	243	2.78	146	.88	88	1.17	17	9		3.10	17	4.50	18					13
14	.84	26	.58	4	1.56	243	2.78	146	.86	83	1.25	25	14		3.12	18	4.60	18					14
15	1.06	37	.72	12	1.56	243	2.78	146	.87	86	1.27	27	11		3.14	18	4.50	18					15
16	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—					16
17	1.04	36	.54	4	1.56	243	2.78	146	.86	85	1.53	51	12		3.14	18	4.50	18					17
18	1.10	40	.54	4	1.56	243	2.78	146	85	83	1.70	75	14		3.14	18	4.50	18					18
19	1.06	37	.62	4	1.60	253	2.78	146	.86	85	1.52	54	22		3.12	18	4.50	18					19
20	1.00	34	.48	4	1.58	246	2.78	146	.86	85	1.56	58	15		3.12	18	4.50	18					20
21	1.00	34	.50	4	1.56	243	2.78	146	.86	85	1.46	47	12		3.14	18	4.50	18					21
22	.96	32	.44	3	1.56	243	2.78	146	.87	86	1.46	47	11		3.14	18	4.50	18					22
23	/	/	/	/	/	/	/	/	/	/			/		/	/	/	/					23
24	.92	30	.60	3	1.62	259	2.78	146	.87	86	1.48	49	27		3.14	18	4.50	18					24
25	.94	33	.70	7	1.64	264	2.78	146	.87	86	1.55	57	32		3.14	18	4.50	18					25
26	1.22	48	.72	8	1.68	275	2.78	146	.87	86	1.69	73	43		3.18	19	4.50	18					26
27	1.26	51	.66	6	1.36	194	2.78	146	.84	82	1.86	96		34	3.20	19	4.50	18					27
28	1.34	59	.72	8	1.36	194	2.75	143	.85	83	1.46	47	32		3.20	19	4.50	18					28
29	.36	14	.60	3	1.40	204	2.75	143	.85	83	1.41	41		22	3.02	16	4.40	12					29
30																							30
31																							31

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AUGUST 1992

	MAGIC		NO 3		NO 4		NO 5		EAST		WEST		HJB		EAST SPILL		WASTE #1		WASTE #2		NO 48		
1	3.0	4944																					1
2	—																						2
3	843.2	5042																					3
4	843.3	5091																					4
5	843.4	5141																					5
6	843.5	5191																					6
7	843.6	5241																					7
8	843.7	5291																					8
9																							9
10	843.9	5391																					10
11	844.0	5441																					11
12	844.1	5494																					12
13	844.2	5547																					13
14	844.3	5600																					14
15	844.4	5653																					15
16	—	—																					16
17	844.6	5759																					17
18	844.7	5813																					18
19	844.8	5867																					19
20	844.8	5867																					20
21	844.9	5921																					21
22	845.0	5975																					22
23	/	/																					23
24	845.1	6032																					24
25	843.5	5791	4.02	490	4.23	416			1.02	84	1.44	63	1.46	214									25
26	841.7	4355	3.94	475	4.22	©414			1.56	145	1.78	84	1.18	150		4							26
27	839.9	3625	5.84	407	3.95	362			1.75	168	1.76	82	.82	79								175	27
28	5.2	3030	3.56	300.	Off		1.90		Off				.01								1.80	188	28
29	836.2	2437	3.73	359			2.15	202													3.96	253	29
30	833.5	1747	3.63	321			2.08	179													3.14	235	30
31	829.7	958	3.97	125			4.98	©1127													7.02	1069	31
		Total		2477		1192		898															

WRB0003443

SEPTEMBER 1992

	NO 60		NO 51		NO 52		NO 15		NO 16		MAIN LS		DRY	KRALL	POORMAN		NO 19		NO 1		NO 2		
1																	.64	61			3.48	22	1
2																	.66	61					2
3																	.65	64			3.48	22	3
4																	.65	64					4
5																					3.48	22	5
6																							6
7	4.92	599															66	66					7
8	5.57	714															68	72			3.47	22	8
9	7.89	1186					3.02	254									67	69					9
10	7.94	1197	1.00	44	3.60	163	3.23	289	—	—							66	66			3.46	21	10
11	7.89	1186	1.26	76	3.48	152	3.35	310		0	15	15	1	7	0		65	64					11
12	7.89	1186	1.10	83	3.74	159	3.36	312		0	13	9	1	5	16½								12
13																							13
14	7.62	1126	1.00	69	3.80	165	3.38	315		0	5	3	1	16	3		68	72			3.46	②23	14
15	7.66	1135	.98	67	3.80	165	3.32	305		0	8	5	2	20½	5		70	77			3.32	15	15
16	7.66	1135	.98	67	3.76	161	3.28	②297		0	7	3	2	24	7		67	69					16
17	7.65	1133	1.02	72	3.80	165	3.30	303		0	7	3	2	24	7		67	69			3.27	12	17
18	767	1137	.92	59	3.72	158	3.15	277		0	7	2	2	18	6		66	66					18
19	765	1133	.80	46	3.60	147	3.15	277		0	5	2	2	12.5	5.5		65	64					19
20	0																						20
21																	65	64					21
22																	65	64			3.27	12	22
23																	64	61					23
24																	63	59			3.26	11	24
25																	63	59					25
26																							26
27																							27
28																							28
29																							29
30																							30
31	Total	14053																					31

SEPTEMBER 1992 Nov. Dec Jan 1993 Feb 1993 March

	MAGIC		NO 3		NO 4 Magic		NO 5		EAST		WEST		HJB		EAST SPILL		WASTE #1		WASTE #2		NO 48		
1	300	1010					847.1	7601			852.9	11,841	856.0	14,956									1
2	831.0	1029																					2
3	831.8	1364																					3
4	832.5	1515							850.9	9,871													4
5																							5
6																							6
7																							7
8													848.4	14,653									8
9																							9
10													851.6	14847									10
11							848.8	8,340			854.1	12,518											11
12									851.4	10,363			856.7	14,945									12
13																							13
14	836.0	2381																					14
15	836.3	2465									854.5	12,878											15
16	836.5	2521			845.1	6,039																	16
17	836.7	2577											857.4	15,643									17
18	837.0	2664					849.4	8,761			855.6	13,146											18
19	837.2	2724							852.1	10,819													19
20																							20
21	837.5	2814							853.4	11,066													21
22	837.7	2874									855.2	13514	858.6	16,876									22
23					845.9	6,488																	23
24													859.4	17,728									24
25	838.2	3030											859.8	18,162									25
26									852.8	11,398			861.9	19,730									26
27																							27
28																							28
29													869.4	30,363									29
30													871.8	3409									30
31													774.0	37,409									31

Appendix L
Spreadsheet Calculations of Dietrich Site Flows

Calculations for Dietrich Site Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1982	25	75	0	0	0
4/2/1982	25	75	0	0	0
4/3/1982	25	75	0	0	0
4/4/1982	25	75	0	0	0
4/5/1982	25	75	0	0	0
4/6/1982	25	75	0	0	0
4/7/1982	25	75	0	0	0
4/8/1982	31	75	0	0	0
4/9/1982	31	75	0	0	0
4/10/1982	31	75	0	0	0
4/11/1982	31	75	0	0	0
4/12/1982	31	75	0	0	0
4/13/1982	32	75	0	0	0
4/14/1982	32	75	0	0	0
4/15/1982	86	75	0	11	22
4/16/1982	186	120	0	66	131
4/17/1982	186	120	0	66	131
4/18/1982	198	120	0	78	155
4/19/1982	200	120	0	80	159
4/20/1982	200	120	0	80	159
4/21/1982	197	120	0	77	153
4/22/1982	201	120	0	81	161
4/23/1982	198	120	0	78	155
4/24/1982	200	120	0	80	159
4/25/1982	310	120	0	190	377
4/26/1982	337	120	0	217	430
4/27/1982	334	120	0	214	424
4/28/1982	312	120	0	192	381
4/29/1982	337	120	0	217	430
4/30/1982	376	120	0	256	508
5/1/1982	304	120	0	184	365
5/2/1982	245	120	0	125	248
5/3/1982	244	120	0	124	246
5/4/1982	244	120	0	124	246
5/5/1982	245	120	0	125	248
5/6/1982	245	120	0	125	248
5/7/1982	244	120	0	124	246
5/8/1982	258	120	0	138	274
5/9/1982	266	120	0	146	290
5/10/1982	266	120	0	146	290
5/11/1982	262	120	0	142	282
5/12/1982	248	120	0	128	254
5/13/1982	234	120	0	114	226
5/14/1982	231	120	0	111	220
5/15/1982	228	120	0	108	214
5/16/1982	224	120	0	104	206
5/17/1982	234	120	0	114	226
5/18/1982	213	120	0	93	184
5/19/1982	187	120	0	67	133
5/20/1982	192	120	0	72	143
5/21/1982	193	120	0	73	145
5/22/1982	194	120	0	74	147
5/23/1982	194	120	0	74	147
5/24/1982	197	120	0	77	153

IWRB00003447

Calculations for Dietrich Site Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/25/1982	197	120	0	77	153
5/26/1982	190	120	0	70	139
5/27/1982	188	120	0	68	135
5/28/1982	188	120	0	68	135
5/29/1982	195	120	0	75	149
5/30/1982	183	120	0	63	125
5/31/1982	176	120	0	56	111
6/1/1982	176	220	0	0	0
6/2/1982	176	220	0	0	0
6/3/1982	176	220	0	0	0
6/4/1982	193	220	0	0	0
6/5/1982	190	220	0	0	0
6/6/1982	188	220	0	0	0
6/7/1982	201	220	0	0	0
6/8/1982	203	220	0	0	0
6/9/1982	197	220	0	0	0
6/10/1982	190	220	0	0	0
6/11/1982	194	220	0	0	0
6/12/1982	194	220	0	0	0
6/13/1982	192	220	0	0	0
6/14/1982	188	220	0	0	0
6/15/1982	189	220	0	0	0
6/16/1982	203	220	0	0	0
6/17/1982	219	220	0	0	0
6/18/1982	224	220	0	0	0
6/19/1982	230	220	0	0	0
6/20/1982	230	220	0	0	0
6/21/1982	230	220	0	0	0
6/22/1982	223	220	0	0	0
6/23/1982	226	220	0	0	0
6/24/1982	230	220	0	0	0
6/25/1982	231	220	0	0	0
6/26/1982	233	220	0	0	0
6/27/1982	234	220	0	0	0
6/28/1982	234	220	0	0	0
6/29/1982	235	220	0	0	0
6/30/1982	235	220	0	0	0
7/1/1982	241	220	0	0	0
7/2/1982	241	220	0	0	0
7/3/1982	241	220	0	0	0
7/4/1982	238	220	0	0	0
7/5/1982	238	220	0	0	0
7/6/1982	245	220	0	0	0
7/7/1982	247	220	0	0	0
7/8/1982	234	220	0	0	0
7/9/1982	244	220	0	0	0
7/10/1982	226	220	0	0	0
7/11/1982	214	220	0	0	0
7/12/1982	213	220	0	0	0
7/13/1982	227	220	0	0	0
7/14/1982	235	220	0	0	0
7/15/1982	227	220	0	0	0
7/16/1982	226	220	0	0	0
7/17/1982	233	220	0	0	0

IWRB00003448

Calculations for Dietrich Site Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/18/1982	233	220	0	0	0
7/19/1982	234	220	0	0	0
7/20/1982	237	220	0	0	0
7/21/1982	237	220	0	0	0
7/22/1982	234	220	0	0	0
7/23/1982	234	220	0	0	0
7/24/1982	234	220	0	0	0
7/25/1982	235	220	0	0	0
7/26/1982	235	220	0	0	0
7/27/1982	231	220	0	0	0
7/28/1982	234	220	0	0	0
7/29/1982	231	220	0	0	0
7/30/1982	228	220	0	0	0
7/31/1982	231	220	0	0	0
8/1/1982	231	220	0	0	0
8/2/1982	223	220	0	0	0
8/3/1982	204	220	0	0	0
8/4/1982	196	220	0	0	0
8/5/1982	190	220	0	0	0
8/6/1982	190	220	0	0	0
8/7/1982	189	220	0	0	0
8/8/1982	190	220	0	0	0
8/9/1982	188	220	0	0	0
8/10/1982	190	220	0	0	0
8/11/1982	193	220	0	0	0
8/12/1982	204	220	0	0	0
8/13/1982	204	220	0	0	0
8/14/1982	213	220	0	0	0
8/15/1982	213	220	0	0	0
8/16/1982	213	220	0	0	0
8/17/1982	213	220	0	0	0
8/18/1982	214	220	0	0	0
8/19/1982	214	220	0	0	0
8/20/1982	214	220	0	0	0
8/21/1982	217	220	0	0	0
8/22/1982	219	220	0	0	0
8/23/1982	220	220	0	0	0
8/24/1982	217	220	0	0	0
8/25/1982	217	220	0	0	0
8/26/1982	219	220	0	0	0
8/27/1982	219	220	0	0	0
8/28/1982	218	220	0	0	0
8/29/1982	220	220	0	0	0
8/30/1982	218	220	0	0	0
8/31/1982	210	220	0	0	0
9/1/1982	200	220	0	0	0
9/2/1982	192	220	0	0	0
9/3/1982	192	220	0	0	0
9/4/1982	186	220	0	0	0
9/5/1982	184	220	0	0	0
9/6/1982	184	220	0	0	0
9/7/1982	184	220	0	0	0
9/8/1982	177	220	0	0	0
9/9/1982	174	220	0	0	0

IWRB00003449

Calculations for Dietrich Site Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/10/1982	175	220	0	0	0
9/11/1982	194	220	0	0	0
9/12/1982	196	220	0	0	0
9/13/1982	197	220	0	0	0
9/14/1982	190	220	0	0	0
9/15/1982	181	220	0	0	0
9/16/1982	180	220	0	0	0
9/17/1982	179	220	0	0	0
9/18/1982	161	220	0	0	0
9/19/1982	153	220	0	0	0
9/20/1982	150	220	0	0	0
9/21/1982	144	220	0	0	0
9/22/1982	144	220	0	0	0
9/23/1982	143	220	0	0	0
9/24/1982	142	220	0	0	0
9/25/1982	142	220	0	0	0
9/26/1982	143	220	0	0	0
9/27/1982	147	220	0	0	0
9/28/1982	149	220	0	0	0
9/29/1982	145	220	0	0	0
9/30/1982	147	220	0	0	0
10/1/1982	0	75	0	0	0
10/2/1982	0	75	0	0	0
10/3/1982	0	75	0	0	0
10/4/1982	0	75	0	0	0
10/5/1982	0	75	0	0	0
10/6/1982	0	75	0	0	0
10/7/1982	0	75	0	0	0
10/8/1982	0	75	0	0	0
10/9/1982	0	75	0	0	0
10/10/1982	0	75	0	0	0
10/11/1982	0	75	0	0	0
10/12/1982	0	75	0	0	0
10/13/1982	0	75	0	0	0
10/14/1982	0	75	0	0	0
10/15/1982	0	75	0	0	0
10/16/1982	0	75	0	0	0
10/17/1982	0	75	0	0	0
10/18/1982	0	75	0	0	0
10/19/1982	0	75	0	0	0
10/20/1982	0	75	0	0	0
10/21/1982	0	75	0	0	0
10/22/1982	0	75	0	0	0
10/23/1982	0	75	0	0	0
10/24/1982	0	75	0	0	0
10/25/1982	0	75	0	0	0
10/26/1982	0	75	0	0	0
10/27/1982	0	75	0	0	0
10/28/1982	0	75	0	0	0
10/29/1982	0	75	0	0	0
10/30/1982	0	75	0	0	0
10/31/1982	0	75	0	0	0
				256	10259
				Maximum	Total

IWRB00003450

Calculations for Dietrich Site Flow
1983
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1983	25	75	0	0	0
4/2/1983	22	75	0	0	0
4/3/1983	21	75	0	0	0
4/4/1983	18	75	0	0	0
4/5/1983	20	75	0	0	0
4/6/1983	21	75	0	0	0
4/7/1983	22	75	0	0	0
4/8/1983	22	75	0	0	0
4/9/1983	22	75	0	0	0
4/10/1983	22	75	0	0	0
4/11/1983	22	75	0	0	0
4/12/1983	22	75	0	0	0
4/13/1983	22	75	0	0	0
4/14/1983	22	75	0	0	0
4/15/1983	22	75	0	0	0
4/16/1983	22	120	0	0	0
4/17/1983	22	120	0	0	0
4/18/1983	23	120	0	0	0
4/19/1983	36	120	0	0	0
4/20/1983	56	120	0	0	0
4/21/1983	57	120	0	0	0
4/22/1983	57	120	0	0	0
4/23/1983	57	120	0	0	0
4/24/1983	57	120	0	0	0
4/25/1983	42	120	41	0	0
4/26/1983	31	120	13	0	0
4/27/1983	30	120	6	0	0
4/28/1983	31	120	6	0	0
4/29/1983	57	120	29	0	0
4/30/1983	57	120	0	0	0
5/1/1983	80	120	0	0	0
5/2/1983	80	120	24	0	0
5/3/1983	80	120	24	0	0
5/4/1983	82	120	24	0	0
5/5/1983	80	120	25	0	0
5/6/1983	77	120	27	0	0
5/7/1983	76	120	27	0	0
5/8/1983	76	120	0	0	0
5/9/1983	76	120	27	0	0
5/10/1983	75	120	27	0	0
5/11/1983	75	120	27	0	0
5/12/1983	75	120	27	0	0
5/13/1983	75	120	27	0	0
5/14/1983	75	120	22	0	0
5/15/1983	75	120	0	0	0
5/16/1983	74	120	20	0	0
5/17/1983	81	120	176	0	0
5/18/1983	116	120	16	0	0
5/19/1983	130	120	30	0	0
5/20/1983	130	120	27	0	0
5/21/1983	130	120	20	0	0
5/22/1983	131	120	0	11	22
5/23/1983	146	120	18	8	17
5/24/1983	160	120	11	29	57
5/25/1983	190	120	7	63	124

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Calculations for Dietrich Site Flow
1983
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1983	226	120	11	95	188
5/27/1983	245	120	12	113	224
5/28/1983	262	120	0	142	282
5/29/1983	262	120	20	122	241
5/30/1983	266	120	24	122	242
5/31/1983	272	120	0	152	301
6/1/1983	275	220	30	0	0
6/2/1983	272	220	30	0	0
6/3/1983	261	220	30	0	0
6/4/1983	262	220	34	0	0
6/5/1983	262	220	37	0	0
6/6/1983	254	220	31	0	0
6/7/1983	248	220	31	0	0
6/8/1983	244	220	38	0	0
6/9/1983	241	220	38	0	0
6/10/1983	242	220	36	0	0
6/11/1983	244	220	32	0	0
6/12/1983	245	220	30	0	0
6/13/1983	235	220	30	0	0
6/14/1983	228	220	38	0	0
6/15/1983	224	220	30	0	0
6/16/1983	223	220	34	0	0
6/17/1983	219	220	29	0	0
6/18/1983	216	220	30	0	0
6/19/1983	216	220	25	0	0
6/20/1983	217	220	24	0	0
6/21/1983	217	220	27	0	0
6/22/1983	216	220	24	0	0
6/23/1983	216	220	24	0	0
6/24/1983	213	220	24	0	0
6/25/1983	209	220	22	0	0
6/26/1983	214	220	204	0	0
6/27/1983	219	220	15	0	0
6/28/1983	220	220	17	0	0
6/29/1983	223	220	18	0	0
6/30/1983	223	220	20	0	0
7/1/1983	221	220	21	0	0
7/2/1983	220	220	24	0	0
7/3/1983	227	220	0	0	0
7/4/1983	226	220	27	0	0
7/5/1983	219	220	25	0	0
7/6/1983	216	220	22	0	0
7/7/1983	214	220	21	0	0
7/8/1983	214	220	20	0	0
7/9/1983	213	220	18	0	0
7/10/1983	216	220	18	0	0
7/11/1983	213	220	18	0	0
7/12/1983	204	220	18	0	0
7/13/1983	213	220	18	0	0
7/14/1983	206	220	12	0	0
7/15/1983	216	220	13	0	0
7/16/1983	221	220	22	0	0
7/17/1983	223	220	0	0	0
7/18/1983	213	220	22	0	0
7/19/1983	219	220	13	0	0

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Calculations for Dietrich Site Flow
1983
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1983	227	220	13	0	0
7/21/1983	231	220	14	0	0
7/22/1983	231	220	15	0	0
7/23/1983	230	220	16	0	0
7/24/1983	231	220	0	0	0
7/25/1983	235	220	19	0	0
7/26/1983	231	220	19	0	0
7/27/1983	228	220	20	0	0
7/28/1983	227	220	20	0	0
7/29/1983	227	220	24	0	0
7/30/1983	226	220	24	0	0
7/31/1983	221	220	0	0	0
8/1/1983	224	220	24	0	0
8/2/1983	224	220	24	0	0
8/3/1983	224	220	25	0	0
8/4/1983	224	220	29	0	0
8/5/1983	226	220	29	0	0
8/6/1983	224	220	30	0	0
8/7/1983	219	220	0	0	0
8/8/1983	226	220	29	0	0
8/9/1983	227	220	30	0	0
8/10/1983	224	220	30	0	0
8/11/1983	224	220	29	0	0
8/12/1983	227	220	22	0	0
8/13/1983	230	220	22	0	0
8/14/1983	223	220	0	0	0
8/15/1983	223	220	25	0	0
8/16/1983	226	220	21	0	0
8/17/1983	230	220	24	0	0
8/18/1983	230	220	20	0	0
8/19/1983	230	220	20	0	0
8/20/1983	234	220	25	0	0
8/21/1983	233	220	0	0	0
8/22/1983	235	220	29	0	0
8/23/1983	235	220	43	0	0
8/24/1983	200	220	38	0	0
8/25/1983	201	220	34	0	0
8/26/1983	202	220	34	0	0
8/27/1983	200	220	41	0	0
8/28/1983	198	220	0	0	0
8/29/1983	200	220	41	0	0
8/30/1983	183	220	27	0	0
8/31/1983	184	220	18	0	0
9/1/1983	180	220	18	0	0
9/2/1983	186	220	12	0	0
9/3/1983	190	220	18	0	0
9/4/1983	189	220	0	0	0
9/5/1983	189	220	18	0	0
9/6/1983	189	220	18	0	0
9/7/1983	190	220	24	0	0
9/8/1983	190	220	27	0	0
9/9/1983	190	220	29	0	0
9/10/1983	190	220	27	0	0
9/11/1983	190	220	0	0	0
9/12/1983	190	220	30	0	0

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Calculations for Dietrich Site Flow
1983
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1983	189	220	27	0	0
9/14/1983	189	220	24	0	0
9/15/1983	188	220	24	0	0
9/16/1983	192	220	27	0	0
9/17/1983	192	220	27	0	0
9/18/1983	192	220	0	0	0
9/19/1983	190	220	27	0	0
9/20/1983	190	220	27	0	0
9/21/1983	190	220	30	0	0
9/22/1983	192	220	30	0	0
9/23/1983	192	220	30	0	0
9/24/1983	190	220	30	0	0
9/25/1983	192	220	0	0	0
9/26/1983	192	220	30	0	0
9/27/1983	192	220	34	0	0
9/28/1983	179	220	41	0	0
9/29/1983	171	220	38	0	0
9/30/1983	171	220	41	0	0
10/1/1983	0	75	0	0	0
10/2/1983	0	75	0	0	0
10/3/1983	0	75	0	0	0
10/4/1983	0	75	0	0	0
10/5/1983	0	75	0	0	0
10/6/1983	0	75	0	0	0
10/7/1983	0	75	0	0	0
10/8/1983	0	75	0	0	0
10/9/1983	0	75	0	0	0
10/10/1983	0	75	0	0	0
10/11/1983	0	75	0	0	0
10/12/1983	0	75	0	0	0
10/13/1983	0	75	0	0	0
10/14/1983	0	75	0	0	0
10/15/1983	0	75	0	0	0
10/16/1983	0	75	0	0	0
10/17/1983	0	75	0	0	0
10/18/1983	0	75	0	0	0
10/19/1983	0	75	0	0	0
10/20/1983	0	75	0	0	0
10/21/1983	0	75	0	0	0
10/22/1983	0	75	0	0	0
10/23/1983	0	75	0	0	0
10/24/1983	0	75	0	0	0
10/25/1983	0	75	0	0	0
10/26/1983	0	75	0	0	0
10/27/1983	0	75	0	0	0
10/28/1983	0	75	0	0	0
10/29/1983	0	75	0	0	0
10/30/1983	0	75	0	0	0
10/31/1983	0	75	0	0	0
				152	1699
				Maximum	Total

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Calculations for Dietrich Site Flow
1984
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1984	14	75	0	0	0
4/2/1984	16	75	0	0	0
4/3/1984	16	75	0	0	0
4/4/1984	25	75	0	0	0
4/5/1984	27	75	0	0	0
4/6/1984	27	75	0	0	0
4/7/1984	28	75	0	0	0
4/8/1984	28	75	0	0	0
4/9/1984	29	75	0	0	0
4/10/1984	30	75	0	0	0
4/11/1984	30	75	0	0	0
4/12/1984	30	75	0	0	0
4/13/1984	30	75	0	0	0
4/14/1984	30	75	0	0	0
4/15/1984	30	75	0	0	0
4/16/1984	30	120	0	0	0
4/17/1984	30	120	10.1	0	0
4/18/1984	30	120	7.4	0	0
4/19/1984	325	120	12.7	192	381
4/20/1984	302	120	11.8	170	338
4/21/1984	259	120	10.1	129	256
4/22/1984	259	120	11.8	127	252
4/23/1984	259	120	0	139	276
4/24/1984	259	120	10.9	128	254
4/25/1984	261	120	0	141	280
4/26/1984	261	120	0	141	280
4/27/1984	259	120	0	139	276
4/28/1984	258	120	0	138	274
4/29/1984	256	120	0	136	270
4/30/1984	256	120	0	136	270
5/1/1984	291	120	0	171	339
5/2/1984	309	120	0	189	375
5/3/1984	321	120	0	201	399
5/4/1984	321	120	0	201	399
5/5/1984	319	120	0	199	395
5/6/1984	309	120	0	189	375
5/7/1984	306	120	0	186	369
5/8/1984	300	120	0	180	357
5/9/1984	251	120	0	131	260
5/10/1984	183	120	0	63	125
5/11/1984	184	120	0	64	127
5/12/1984	204	120	0	84	167
5/13/1984	213	120	0	93	184
5/14/1984	219	120	0	99	196
5/15/1984	294	120	0	174	345
5/16/1984	390	120	0	270	536
5/17/1984	396	120	0	276	547
5/18/1984	387	120	0	267	530
5/19/1984	390	120	0	270	536
5/20/1984	387	120	0	267	530
5/21/1984	375	120	0	255	506
5/22/1984	247	120	0	127	252
5/23/1984	209	120	0	89	177
5/24/1984	210	120	0	90	179
5/25/1984	207	120	0	87	173
5/26/1984	207	120	0	87	173

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Calculations for Dietrich Site Flow
1984
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/27/1984	206	120	0	86	171
5/28/1984	219	120	0	99	196
5/29/1984	226	120	0	106	210
5/30/1984	227	120	0	107	212
5/31/1984	221	120	0	101	200
6/1/1984	238	220	0	0	0
6/2/1984	235	220	0	0	0
6/3/1984	228	220	0	0	0
6/4/1984	227	220	0	0	0
6/5/1984	233	220	0	0	0
6/6/1984	238	220	0	0	0
6/7/1984	226	220	0	0	0
6/8/1984	226	220	0	0	0
6/9/1984	226	220	0	0	0
6/10/1984	227	220	0	0	0
6/11/1984	227	220	0	0	0
6/12/1984	216	220	0	0	0
6/13/1984	213	220	0	0	0
6/14/1984	213	220	0	0	0
6/15/1984	209	220	0	0	0
6/16/1984	206	220	0	0	0
6/17/1984	206	220	0	0	0
6/18/1984	204	220	0	0	0
6/19/1984	207	220	0	0	0
6/20/1984	213	220	0	0	0
6/21/1984	214	220	0	0	0
6/22/1984	213	220	0	0	0
6/23/1984	209	220	0	0	0
6/24/1984	207	220	0	0	0
6/25/1984	204	220	0	0	0
6/26/1984	207	220	6.3	0	0
6/27/1984	221	220	5.3	0	0
6/28/1984	228	220	6.7	0	0
6/29/1984	230	220	8.2	0	0
6/30/1984	228	220	11.8	0	0
7/1/1984	230	220	12.7	0	0
7/2/1984	228	220	0	0	0
7/3/1984	233	220	12.7	0	0
7/4/1984	233	220	13.7	0	0
7/5/1984	216	220	15.8	0	0
7/6/1984	217	220	9.2	0	0
7/7/1984	219	220	7.4	0	0
7/8/1984	220	220	4.9	0	0
7/9/1984	223	220	0	0	0
7/10/1984	228	220	8.2	0	0
7/11/1984	224	220	10.5	0	0
7/12/1984	223	220	8.8	0	0
7/13/1984	223	220	7.1	0	0
7/14/1984	224	220	5.3	0	0
7/15/1984	230	220	6.3	0	0
7/16/1984	231	220	0	0	0
7/17/1984	231	220	7.4	0	0
7/18/1984	230	220	13.7	0	0
7/19/1984	223	220	15.8	0	0
7/20/1984	226	220	17.9	0	0
7/21/1984	237	220	16.8	0	0

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Calculations for Dietrich Site Flow
1984
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/22/1984	235	220	21.3	0	0
7/23/1984	240	220	0	0	0
7/24/1984	240	220	18.9	0	0
7/25/1984	240	220	18.9	0	0
7/26/1984	228	220	0	0	0
7/27/1984	217	220	0	0	0
7/28/1984	214	220	0	0	0
7/29/1984	209	220	0	0	0
7/30/1984	213	220	0	0	0
7/31/1984	213	220	0	0	0
8/1/1984	213	220	0	0	0
8/2/1984	214	220	0	0	0
8/3/1984	202	220	0	0	0
8/4/1984	196	220	0	0	0
8/5/1984	197	220	0	0	0
8/6/1984	198	220	0	0	0
8/7/1984	198	220	0	0	0
8/8/1984	196	220	0	0	0
8/9/1984	196	220	0	0	0
8/10/1984	196	220	0	0	0
8/11/1984	196	220	0	0	0
8/12/1984	197	220	0	0	0
8/13/1984	206	220	0	0	0
8/14/1984	214	220	0	0	0
8/15/1984	201	220	0	0	0
8/16/1984	203	220	0	0	0
8/17/1984	204	220	0	0	0
8/18/1984	204	220	0	0	0
8/19/1984	206	220	0	0	0
8/20/1984	206	220	0	0	0
8/21/1984	207	220	0	0	0
8/22/1984	206	220	0	0	0
8/23/1984	207	220	0	0	0
8/24/1984	206	220	0	0	0
8/25/1984	210	220	0	0	0
8/26/1984	213	220	0	0	0
8/27/1984	213	220	0	0	0
8/28/1984	210	220	0	0	0
8/29/1984	213	220	0	0	0
8/30/1984	214	220	0	0	0
8/31/1984	217	220	0	0	0
9/1/1984	197	220	0	0	0
9/2/1984	198	220	0	0	0
9/3/1984	200	220	0	0	0
9/4/1984	200	220	0	0	0
9/5/1984	197	220	0	0	0
9/6/1984	193	220	0	0	0
9/7/1984	193	220	0	0	0
9/8/1984	196	220	0	0	0
9/9/1984	196	220	0	0	0
9/10/1984	196	220	0	0	0
9/11/1984	194	220	0	0	0
9/12/1984	201	220	0	0	0
9/13/1984	186	220	0	0	0
9/14/1984	179	220	0	0	0
9/15/1984	180	220	0	0	0

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Calculations for Dietrich Site Flow
1984
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/16/1984	179	220	0	0	0
9/17/1984	177	220	0	0	0
9/18/1984	181	220	0	0	0
9/19/1984	186	220	0	0	0
9/20/1984	168	220	0	0	0
9/21/1984	192	220	0	0	0
9/22/1984	196	220	0	0	0
9/23/1984	198	220	0	0	0
9/24/1984	198	220	0	0	0
9/25/1984	188	220	0	0	0
9/26/1984	183	220	0	0	0
9/27/1984	168	220	0	0	0
9/28/1984	159	220	0	0	0
9/29/1984	135	220	0	0	0
9/30/1984	155	220	0	0	0
10/1/1984	0	75	0	0	0
10/2/1984	0	75	0	0	0
10/3/1984	0	75	0	0	0
10/4/1984	0	75	0	0	0
10/5/1984	0	75	0	0	0
10/6/1984	0	75	0	0	0
10/7/1984	0	75	0	0	0
10/8/1984	0	75	0	0	0
10/9/1984	0	75	0	0	0
10/10/1984	0	75	0	0	0
10/11/1984	0	75	0	0	0
10/12/1984	0	75	0	0	0
10/13/1984	0	75	0	0	0
10/14/1984	0	75	0	0	0
10/15/1984	0	75	0	0	0
10/16/1984	0	75	0	0	0
10/17/1984	0	75	0	0	0
10/18/1984	0	75	0	0	0
10/19/1984	0	75	0	0	0
10/20/1984	0	75	0	0	0
10/21/1984	0	75	0	0	0
10/22/1984	0	75	0	0	0
10/23/1984	0	75	0	0	0
10/24/1984	0	75	0	0	0
10/25/1984	0	75	0	0	0
10/26/1984	0	75	0	0	0
10/27/1984	0	75	0	0	0
10/28/1984	0	75	0	0	0
10/29/1984	0	75	0	0	0
10/30/1984	0	75	0	0	0
10/31/1984	0	75	0	0	0
				276	12942
				Maximum	Total

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Calculations for Dietrich Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1985	0	75	0	0	0
4/2/1985	0	75	0	0	0
4/3/1985	0	75	0	0	0
4/4/1985	0	75	0	0	0
4/5/1985	0	75	0	0	0
4/6/1985	0	75	0	0	0
4/7/1985	0	75	0	0	0
4/8/1985	0	75	0	0	0
4/9/1985	0	75	0	0	0
4/10/1985	0	75	0	0	0
4/11/1985	40	75	0	0	0
4/12/1985	40	75	0	0	0
4/13/1985	40	75	0	0	0
4/14/1985	40	75	0	0	0
4/15/1985	40	75	0	0	0
4/16/1985	40	120	0	0	0
4/17/1985	40	120	0	0	0
4/18/1985	40	120	0	0	0
4/19/1985	39	120	0	0	0
4/20/1985	39	120	0	0	0
4/21/1985	39	120	0	0	0
4/22/1985	39	120	0	0	0
4/23/1985	46	120	0	0	0
4/24/1985	83	120	0	0	0
4/25/1985	84	120	0	0	0
4/26/1985	116	120	0	0	0
4/27/1985	109	120	0	0	0
4/28/1985	109	120	0	0	0
4/29/1985	113	120	0	0	0
4/30/1985	113	120	0	0	0
5/1/1985	135	120	0	15	30
5/2/1985	147	120	0	27	54
5/3/1985	154	120	0	34	67
5/4/1985	162	120	0	42	83
5/5/1985	187	120	0	67	133
5/6/1985	185	120	0	65	129
5/7/1985	170	120	0	50	99
5/8/1985	180	120	0	60	119
5/9/1985	193	120	0	73	145
5/10/1985	203	120	0	83	165
5/11/1985	205	120	0	85	169
5/12/1985	205	120	0	85	169
5/13/1985	203	120	0	83	165
5/14/1985	203	120	0	83	165
5/15/1985	208	120	0	88	175
5/16/1985	201	120	0	81	161
5/17/1985	203	120	0	83	165
5/18/1985	203	120	0	83	165
5/19/1985	203	120	0	83	165
5/20/1985	213	120	0	93	184
5/21/1985	205	120	0	85	169
5/22/1985	203	120	0	83	165
5/23/1985	201	120	0	81	161
5/24/1985	198	120	0	78	155
5/25/1985	201	120	0	81	161

IWRB00003459

Calculations for Dietrich Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1985	201	120	0	81	161
5/27/1985	201	120	0	81	161
5/28/1985	222	120	0	102	202
5/29/1985	234	120	0	114	226
5/30/1985	252	120	0	132	262
5/31/1985	252	120	0	132	262
6/1/1985	213	220	0	0	0
6/2/1985	208	220	0	0	0
6/3/1985	213	220	0	0	0
6/4/1985	213	220	0	0	0
6/5/1985	213	220	0	0	0
6/6/1985	213	220	0	0	0
6/7/1985	213	220	0	0	0
6/8/1985	210	220	0	0	0
6/9/1985	213	220	0	0	0
6/10/1985	215	220	0	0	0
6/11/1985	215	220	0	0	0
6/12/1985	217	220	0	0	0
6/13/1985	239	220	0	0	0
6/14/1985	234	220	0	0	0
6/15/1985	217	220	0	0	0
6/16/1985	220	220	0	0	0
6/17/1985	220	220	0	0	0
6/18/1985	217	220	0	0	0
6/19/1985	217	220	0	0	0
6/20/1985	220	220	0	0	0
6/21/1985	220	220	0	0	0
6/22/1985	217	220	0	0	0
6/23/1985	217	220	0	0	0
6/24/1985	227	220	0	0	0
6/25/1985	247	220	0	0	0
6/26/1985	247	220	0	0	0
6/27/1985	244	220	0	0	0
6/28/1985	247	220	0	0	0
6/29/1985	244	220	0	0	0
6/30/1985	242	220	0	0	0
7/1/1985	220	220	0	0	0
7/2/1985	225	220	0	0	0
7/3/1985	225	220	0	0	0
7/4/1985	222	220	0	0	0
7/5/1985	222	220	0	0	0
7/6/1985	222	220	0	0	0
7/7/1985	225	220	0	0	0
7/8/1985	227	220	0	0	0
7/9/1985	229	220	0	0	0
7/10/1985	229	220	0	0	0
7/11/1985	225	220	0	0	0
7/12/1985	225	220	0	0	0
7/13/1985	232	220	0	0	0
7/14/1985	234	220	0	0	0
7/15/1985	213	220	0	0	0
7/16/1985	213	220	0	0	0
7/17/1985	213	220	0	0	0
7/18/1985	215	220	0	0	0
7/19/1985	205	220	0	0	0

IWRB00003460

Calculations for Dietrich Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1985	201	220	0	0	0
7/21/1985	205	220	0	0	0
7/22/1985	210	220	0	0	0
7/23/1985	213	220	0	0	0
7/24/1985	203	220	0	0	0
7/25/1985	196	220	0	0	0
7/26/1985	185	220	0	0	0
7/27/1985	180	220	0	0	0
7/28/1985	183	220	0	0	0
7/29/1985	185	220	0	0	0
7/30/1985	191	220	0	0	0
7/31/1985	185	220	0	0	0
8/1/1985	191	220	0	0	0
8/2/1985	187	220	0	0	0
8/3/1985	185	220	0	0	0
8/4/1985	180	220	0	0	0
8/5/1985	174	220	0	0	0
8/6/1985	187	220	0	0	0
8/7/1985	183	220	0	0	0
8/8/1985	198	220	0	0	0
8/9/1985	196	220	0	0	0
8/10/1985	196	220	0	0	0
8/11/1985	198	220	0	0	0
8/12/1985	196	220	0	0	0
8/13/1985	193	220	0	0	0
8/14/1985	220	220	0	0	0
8/15/1985	205	220	0	0	0
8/16/1985	213	220	0	0	0
8/17/1985	210	220	0	0	0
8/18/1985	210	220	0	0	0
8/19/1985	210	220	0	0	0
8/20/1985	215	220	0	0	0
8/21/1985	213	220	0	0	0
8/22/1985	210	220	0	0	0
8/23/1985	210	220	0	0	0
8/24/1985	208	220	0	0	0
8/25/1985	203	220	0	0	0
8/26/1985	201	220	0	0	0
8/27/1985	206	220	0	0	0
8/28/1985	206	220	0	0	0
8/29/1985	206	220	0	0	0
8/30/1985	206	220	0	0	0
8/31/1985	206	220	0	0	0
9/1/1985	208	220	0	0	0
9/2/1985	215	220	0	0	0
9/3/1985	215	220	0	0	0
9/4/1985	201	220	0	0	0
9/5/1985	193	220	0	0	0
9/6/1985	180	220	0	0	0
9/7/1985	178	220	0	0	0
9/8/1985	183	220	0	0	0
9/9/1985	187	220	0	0	0
9/10/1985	168	220	0	0	0
9/11/1985	131	220	0	0	0
9/12/1985	108	220	0	0	0

IWRB00003461

Calculations for Dietrich Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1985	99	220	0	0	0
9/14/1985	78	220	0	0	0
9/15/1985	76	220	0	0	0
9/16/1985	79	220	0	0	0
9/17/1985	63	220	0	0	0
9/18/1985	53	220	0	0	0
9/19/1985	53	220	0	0	0
9/20/1985	53	220	0	0	0
9/21/1985	61	220	0	0	0
9/22/1985	66	220	0	0	0
9/23/1985	76	220	0	0	0
9/24/1985	78	220	0	0	0
9/25/1985	78	220	0	0	0
9/26/1985	85	220	0	0	0
9/27/1985	82	220	0	0	0
9/28/1985	83	220	0	0	0
9/29/1985	85	220	0	0	0
9/30/1985	85	220	0	0	0
10/1/1985	0	75	0	0	0
10/2/1985	0	75	0	0	0
10/3/1985	0	75	0	0	0
10/4/1985	0	75	0	0	0
10/5/1985	0	75	0	0	0
10/6/1985	0	75	0	0	0
10/7/1985	0	75	0	0	0
10/8/1985	0	75	0	0	0
10/9/1985	0	75	0	0	0
10/10/1985	0	75	0	0	0
10/11/1985	0	75	0	0	0
10/12/1985	0	75	0	0	0
10/13/1985	0	75	0	0	0
10/14/1985	0	75	0	0	0
10/15/1985	0	75	0	0	0
10/16/1985	0	75	0	0	0
10/17/1985	0	75	0	0	0
10/18/1985	0	75	0	0	0
10/19/1985	0	75	0	0	0
10/20/1985	0	75	0	0	0
10/21/1985	0	75	0	0	0
10/22/1985	0	75	0	0	0
10/23/1985	0	75	0	0	0
10/24/1985	0	75	0	0	0
10/25/1985	0	75	0	0	0
10/26/1985	0	75	0	0	0
10/27/1985	0	75	0	0	0
10/28/1985	0	75	0	0	0
10/29/1985	0	75	0	0	0
10/30/1985	0	75	0	0	0
10/31/1985	0	75	0	0	0
				132	4786
				Maximum	Total

IWRB00003462

Calculations for Dietrich Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1986	47	75	0	0	0
4/2/1986	53	75	0	0	0
4/3/1986	62	75	0	0	0
4/4/1986	63	75	0	0	0
4/5/1986	62	75	0	0	0
4/6/1986	62	75	0	0	0
4/7/1986	63	75	0	0	0
4/8/1986	63	75	0	0	0
4/9/1986	63	75	0	0	0
4/10/1986	63	75	0	0	0
4/11/1986	63	75	0	0	0
4/12/1986	63	75	0	0	0
4/13/1986	64	75	0	0	0
4/14/1986	73	75	0	0	0
4/15/1986	82	75	0	7	14
4/16/1986	82	120	0	0	0
4/17/1986	82	120	0	0	0
4/18/1986	82	120	0	0	0
4/19/1986	82	120	0	0	0
4/20/1986	82	120	0	0	0
4/21/1986	90	120	0	0	0
4/22/1986	125	120	0	5	10
4/23/1986	147	120	0	27	54
4/24/1986	147	120	17	10	20
4/25/1986	158	120	17	21	42
4/26/1986	158	120	21	17	34
4/27/1986	156	120	21	15	30
4/28/1986	172	120	21	31	61
4/29/1986	174	120	38	16	32
4/30/1986	170	120	38	12	24
5/1/1986	170	120	39	11	21
5/2/1986	185	120	39	26	51
5/3/1986	185	120	49	17	33
5/4/1986	183	120	49	15	29
5/5/1986	196	120	49	28	55
5/6/1986	193	120	49	24	48
5/7/1986	193	120	49	24	48
5/8/1986	198	120	33	45	90
5/9/1986	195	120	33	42	84
5/10/1986	191	120	35	36	72
5/11/1986	195	120	35	40	80
5/12/1986	189	120	35	34	68
5/13/1986	187	120	36	31	62
5/14/1986	183	120	6	57	113
5/15/1986	180	120	35	25	50
5/16/1986	183	120	35	28	56
5/17/1986	178	120	35	23	46
5/18/1986	180	120	35	25	50
5/19/1986	189	120	35	34	68
5/20/1986	187	120	35	32	63
5/21/1986	234	120	35	79	157
5/22/1986	293	120	44	129	256
5/23/1986	261	120	44	97	193
5/24/1986	234	120	38	76	150
5/25/1986	227	120	38	69	136

IWRB00003463

Calculations for Dietrich Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1986	225	120	38	67	132
5/27/1986	220	120	35	65	128
5/28/1986	234	120	35	79	156
5/29/1986	261	120	35	106	210
5/30/1986	237	120	35	82	162
5/31/1986	242	120	34	88	175
6/1/1986	244	220	34	0	0
6/2/1986	239	220	34	0	0
6/3/1986	239	220	39	0	0
6/4/1986	247	220	39	0	0
6/5/1986	255	220	35	0	0
6/6/1986	244	220	35	0	0
6/7/1986	244	220	36	0	0
6/8/1986	239	220	36	0	0
6/9/1986	244	220	36	0	0
6/10/1986	234	220	40	0	0
6/11/1986	222	220	40	0	0
6/12/1986	225	220	45	0	0
6/13/1986	234	220	45	0	0
6/14/1986	234	220	42	0	0
6/15/1986	234	220	42	0	0
6/16/1986	237	220	42	0	0
6/17/1986	215	220	45	0	0
6/18/1986	237	220	45	0	0
6/19/1986	227	220	36	0	0
6/20/1986	227	220	36	0	0
6/21/1986	220	220	35	0	0
6/22/1986	295	220	35	0	0
6/23/1986	189	220	35	0	0
6/24/1986	217	220	33	0	0
6/25/1986	222	220	33	0	0
6/26/1986	242	220	26	0	0
6/27/1986	242	220	26	0	0
6/28/1986	242	220	34	0	0
6/29/1986	237	220	34	0	0
6/30/1986	237	220	34	0	0
7/1/1986	225	220	40	0	0
7/2/1986	222	220	40	0	0
7/3/1986	232	220	39	0	0
7/4/1986	237	220	39	0	0
7/5/1986	247	220	45	0	0
7/6/1986	247	220	45	0	0
7/7/1986	250	220	45	0	0
7/8/1986	244	220	39	0	0
7/9/1986	237	220	39	0	0
7/10/1986	237	220	39	0	0
7/11/1986	237	220	39	0	0
7/12/1986	237	220	35	0	0
7/13/1986	239	220	35	0	0
7/14/1986	242	220	35	0	0
7/15/1986	242	220	41	0	0
7/16/1986	237	220	41	0	0
7/17/1986	239	220	37	0	0
7/18/1986	239	220	37	0	0
7/19/1986	227	220	31	0	0

IWRB00003464

Calculations for Dietrich Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1986	227	220	31	0	0
7/21/1986	222	220	31	0	0
7/22/1986	222	220	46	0	0
7/23/1986	225	220	46	0	0
7/24/1986	222	220	46	0	0
7/25/1986	225	220	46	0	0
7/26/1986	258	220	50	0	0
7/27/1986	217	220	50	0	0
7/28/1986	213	220	50	0	0
7/29/1986	208	220	40	0	0
7/30/1986	208	220	40	0	0
7/31/1986	213	220	41	0	0
8/1/1986	201	220	31	0	0
8/2/1986	201	220	42	0	0
8/3/1986	203	220	42	0	0
8/4/1986	203	220	45	0	0
8/5/1986	196	220	41	0	0
8/6/1986	196	220	41	0	0
8/7/1986	193	220	43	0	0
8/8/1986	196	220	43	0	0
8/9/1986	196	220	46	0	0
8/10/1986	198	220	46	0	0
8/11/1986	201	220	46	0	0
8/12/1986	201	220	51	0	0
8/13/1986	203	220	51	0	0
8/14/1986	203	220	43	0	0
8/15/1986	205	220	43	0	0
8/16/1986	205	220	48	0	0
8/17/1986	205	220	48	0	0
8/18/1986	205	220	48	0	0
8/19/1986	208	220	42	0	0
8/20/1986	205	220	42	0	0
8/21/1986	205	220	39	0	0
8/22/1986	295	220	39	0	0
8/23/1986	208	220	41	0	0
8/24/1986	208	220	41	0	0
8/25/1986	210	220	41	0	0
8/26/1986	210	220	37	0	0
8/27/1986	210	220	37	0	0
8/28/1986	210	220	39	0	0
8/29/1986	205	220	39	0	0
8/30/1986	250	220	49	0	0
8/31/1986	210	220	49	0	0
9/1/1986	205	220	49	0	0
9/2/1986	203	220	43	0	0
9/3/1986	193	220	43	0	0
9/4/1986	191	220	42	0	0
9/5/1986	191	220	42	0	0
9/6/1986	180	220	51	0	0
9/7/1986	170	220	51	0	0
9/8/1986	172	220	51	0	0
9/9/1986	167	220	46	0	0
9/10/1986	156	220	46	0	0
9/11/1986	147	220	50	0	0
9/12/1986	143	220	50	0	0

IWRB00003465

Calculations for Dietrich Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1986	145	220	50	0	0
9/14/1986	145	220	50	0	0
9/15/1986	135	220	50	0	0
9/16/1986	135	220	51	0	0
9/17/1986	125	220	51	0	0
9/18/1986	123	220	54	0	0
9/19/1986	125	220	54	0	0
9/20/1986	123	220	53	0	0
9/21/1986	122	220	53	0	0
9/22/1986	120	220	53	0	0
9/23/1986	119	220	51	0	0
9/24/1986	125	220	51	0	0
9/25/1986	123	220	49	0	0
9/26/1986	122	220	49	0	0
9/27/1986	116	220	50	0	0
9/28/1986	105	220	50	0	0
9/29/1986	101	220	50	0	0
9/30/1986	101	220	50	0	0
10/1/1986	0	75	0	0	0
10/2/1986	0	75	0	0	0
10/3/1986	0	75	0	0	0
10/4/1986	0	75	0	0	0
10/5/1986	0	75	0	0	0
10/6/1986	0	75	0	0	0
10/7/1986	0	75	0	0	0
10/8/1986	0	75	0	0	0
10/9/1986	0	75	0	0	0
10/10/1986	0	75	0	0	0
10/11/1986	0	75	0	0	0
10/12/1986	0	75	0	0	0
10/13/1986	0	75	0	0	0
10/14/1986	0	75	0	0	0
10/15/1986	0	75	0	0	0
10/16/1986	0	75	0	0	0
10/17/1986	0	75	0	0	0
10/18/1986	0	75	0	0	0
10/19/1986	0	75	0	0	0
10/20/1986	0	75	0	0	0
10/21/1986	0	75	0	0	0
10/22/1986	0	75	0	0	0
10/23/1986	0	75	0	0	0
10/24/1986	0	75	0	0	0
10/25/1986	0	75	0	0	0
10/26/1986	0	75	0	0	0
10/27/1986	0	75	0	0	0
10/28/1986	0	75	0	0	0
10/29/1986	0	75	0	0	0
10/30/1986	0	75	0	0	0
10/31/1986	0	75	0	0	0
11/1/1986	0	75	0	0	0
11/2/1986	0	75	0	0	0
11/3/1986	0	75	0	0	0
11/4/1986	0	75	0	0	0
11/5/1986	0	75	0	0	0
11/6/1986	0	75	0	0	0

IWRB00003466

Calculations for Dietrich Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
11/7/1986	0	75	0	0	0
				129	3363
				Maximum	Total

IWRB00003467

Calculations for Dietrich Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1987	0	75	7	0	0
4/2/1987	0	75	7	0	0
4/3/1987	0	75	7	0	0
4/4/1987	0	75	7	0	0
4/5/1987	0	75	7	0	0
4/6/1987	0	75	7	0	0
4/7/1987	0	75	3	0	0
4/8/1987	0	75	3	0	0
4/9/1987	0	75	4	0	0
4/10/1987	0	75	4	0	0
4/11/1987	0	75	9	0	0
4/12/1987	49	75	9	0	0
4/13/1987	49	75	9	0	0
4/14/1987	49	75	10	0	0
4/15/1987	49	75	10	0	0
4/16/1987	100	120	36	0	0
4/17/1987	88	120	17	0	0
4/18/1987	68	120	1	0	0
4/19/1987	68	120	1	0	0
4/20/1987	68	120	1	0	0
4/21/1987	68	120	6	0	0
4/22/1987	68	120	6	0	0
4/23/1987	133	120	25	0	0
4/24/1987	133	120	25	0	0
4/25/1987	155	120	2	33	65
4/26/1987	159	120	2	37	73
4/27/1987	159	120	2	37	73
4/28/1987	176	120	7	49	97
4/29/1987	176	120	4	52	103
4/30/1987	179	120	6	53	106
5/1/1987	192	120	10	62	122
5/2/1987	192	120	13	59	117
5/3/1987	192	120	13	59	117
5/4/1987	193	120	12	61	121
5/5/1987	193	120	15	58	114
5/6/1987	188	120	14	54	108
5/7/1987	186	120	16	50	99
5/8/1987	185	120	10	55	109
5/9/1987	185	120	8	57	112
5/10/1987	186	120	8	58	114
5/11/1987	186	120	6	60	119
5/12/1987	204	120	10	74	146
5/13/1987	207	120	7	81	160
5/14/1987	193	120	5	68	136
5/15/1987	210	120	12	78	154
5/16/1987	209	120	10	79	157
5/17/1987	218	120	10	88	175
5/18/1987	222	120	16	87	172
5/19/1987	222	120	17	85	169
5/20/1987	222	120	16	86	171
5/21/1987	212	120	19	73	145
5/22/1987	212	120	20	72	143
5/23/1987	202	120	19	63	125
5/24/1987	199	120	16	63	125
5/25/1987	202	120	20	62	123
5/26/1987	191	120	15	56	111
5/27/1987	186	120	15	51	101
5/28/1987	190	120	18	52	103
5/29/1987	173	120	10	43	85

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Calculations for Dietrich Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/30/1987	173	120	13	40	79
5/31/1987	174	120	13	41	81
6/1/1987	176	220	6	0	0
6/2/1987	174	220	8	0	0
6/3/1987	173	220	4	0	0
6/4/1987	172	220	7	0	0
6/5/1987	183	220	1	0	0
6/6/1987	190	220	5	0	0
6/7/1987	201	220	5	0	0
6/8/1987	209	220	15	0	0
6/9/1987	209	220	20	0	0
6/10/1987	199	220	16	0	0
6/11/1987	196	220	19	0	0
6/12/1987	183	220	14	0	0
6/13/1987	183	220	14	0	0
6/14/1987	183	220	14	0	0
6/15/1987	183	220	5	0	0
6/16/1987	165	220	6	0	0
6/17/1987	177	220	7	0	0
6/18/1987	193	220	10	0	0
6/19/1987	196	220	7	0	0
6/20/1987	199	220	10	0	0
6/21/1987	201	220	10	0	0
6/22/1987	202	220	10	0	0
6/23/1987	198	220	5	0	0
6/24/1987	206	220	5	0	0
6/25/1987	223	220	10	0	0
6/26/1987	223	220	6	0	0
6/27/1987	226	220	9	0	0
6/28/1987	228	220	9	0	0
6/29/1987	228	220	6	0	0
6/30/1987	223	220	6	0	0
7/1/1987	233	220	4	0	0
7/2/1987	234	220	7	0	0
7/3/1987	238	220	6	0	0
7/4/1987	234	220	3	0	0
7/5/1987	244	220	3	0	0
7/6/1987	242	220	5	0	0
7/7/1987	241	220	2	0	0
7/8/1987	238	220	3	0	0
7/9/1987	236	220	2	0	0
7/10/1987	242	220	1	0	0
7/11/1987	249	220	5	0	0
7/12/1987	252	220	5	0	0
7/13/1987	250	220	6	0	0
7/14/1987	249	220	11	0	0
7/15/1987	241	220	15	0	0
7/16/1987	249	220	10	0	0
7/17/1987	249	220	16	0	0
7/18/1987	218	220	21	0	0
7/19/1987	204	220	21	0	0
7/20/1987	204	220	15	0	0
7/21/1987	206	220	19	0	0
7/22/1987	182	220	12	0	0
7/23/1987	180	220	8	0	0
7/24/1987	179	220	2	0	0
7/25/1987	186	220	1	0	0
7/26/1987	199	220	1	0	0
7/27/1987	198	220	4	0	0

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Calculations for Dietrich Site Flow
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Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/28/1987	202	220	5	0	0
7/29/1987	206	220	5	0	0
7/30/1987	206	220	3	0	0
7/31/1987	214	220	5	0	0
8/1/1987	214	220	7	0	0
8/2/1987	214	220	7	0	0
8/3/1987	215	220	5	0	0
8/4/1987	212	220	7	0	0
8/5/1987	215	220	4	0	0
8/6/1987	207	220	6	0	0
8/7/1987	206	220	5	0	0
8/8/1987	204	220	7	0	0
8/9/1987	204	220	7	0	0
8/10/1987	204	220	5	0	0
8/11/1987	202	220	4	0	0
8/12/1987	202	220	4	0	0
8/13/1987	201	220	6	0	0
8/14/1987	202	220	7	0	0
8/15/1987	186	220	8	0	0
8/16/1987	186	220	8	0	0
8/17/1987	199	220	8	0	0
8/18/1987	198	220	6	0	0
8/19/1987	198	220	10	0	0
8/20/1987	196	220	7	0	0
8/21/1987	196	220	4	0	0
8/22/1987	194	220	8	0	0
8/23/1987	194	220	8	0	0
8/24/1987	193	220	8	0	0
8/25/1987	198	220	10	0	0
8/26/1987	194	220	6	0	0
8/27/1987	196	220	10	0	0
8/28/1987	198	220	6	0	0
8/29/1987	66	220	5	0	0
8/30/1987	72	220	5	0	0
8/31/1987	26	220	5	0	0
9/1/1987	26	220	0	0	0
9/2/1987	28	220	0	0	0
9/3/1987	28	220	0	0	0
9/4/1987	28	220	0	0	0
9/5/1987	28	220	1	0	0
9/6/1987	28	220	1	0	0
9/7/1987	28	220	1	0	0
9/8/1987	28	220	1	0	0
9/9/1987	28	220	0	0	0
9/10/1987	37	220	0	0	0
9/11/1987	37	220	6	0	0
9/12/1987	37	220	5	0	0
9/13/1987	37	220	5	0	0
9/14/1987	37	220	6	0	0
9/15/1987	37	220	5	0	0
9/16/1987	37	220	6	0	0
9/17/1987	37	220	6	0	0
9/18/1987	37	220	6	0	0
9/19/1987	37	220	6	0	0
9/20/1987	37	220	6	0	0
9/21/1987	37	220	6	0	0
9/22/1987	37	220	6	0	0
9/23/1987	42	220	6	0	0
9/24/1987	41	220	3	0	0

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Calculations for Dietrich Site Flow
1987
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Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/25/1987	41	220	3	0	0
9/26/1987	40	220	2	0	0
9/27/1987	40	220	2	0	0
9/28/1987	40	220	4	0	0
9/29/1987	39	220	3	0	0
9/30/1987	42	220	2	0	0
10/1/1987	0	75	4	0	0
10/2/1987	0	75	5	0	0
10/3/1987	0	75	5	0	0
10/4/1987	0	75	0	0	0
10/5/1987	0	75	0	0	0
10/6/1987	0	75	3	0	0
10/7/1987	0	75	0	0	0
10/8/1987	0	75	3	0	0
10/9/1987	0	75	0	0	0
10/10/1987	0	75	0	0	0
10/11/1987	0	75	0	0	0
10/12/1987	0	75	0	0	0
10/13/1987	0	75	0	0	0
10/14/1987	0	75	0	0	0
10/15/1987	0	75	0	0	0
10/16/1987	0	75	0	0	0
10/17/1987	0	75	0	0	0
10/18/1987	0	75	0	0	0
10/19/1987	0	75	0	0	0
10/20/1987	0	75	0	0	0
10/21/1987	0	75	0	0	0
10/22/1987	0	75	0	0	0
10/23/1987	0	75	0	0	0
10/24/1987	0	75	0	0	0
10/25/1987	0	75	0	0	0
10/26/1987	0	75	0	0	0
10/27/1987	0	75	0	0	0
10/28/1987	0	75	0	0	0
10/29/1987	0	75	0	0	0
10/30/1987	0	75	0	0	0
10/31/1987	0	75	0	0	0
11/1/1987	0	75	0	0	0
11/2/1987	0	75	0	0	0
11/3/1987	0	75	0	0	0
11/4/1987	0	75	0	0	0
11/5/1987	0	75	0	0	0
11/6/1987	0	75	0	0	0
				88	4431
				Maximum	Total

IWRB00003471

Calculations for Dietrich Site Flow
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Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1988	31	75	0	0	0
4/2/1988	31	75	0	0	0
4/3/1988	32	75	0	0	0
4/4/1988	32	75	0	0	0
4/5/1988	32	75	0	0	0
4/6/1988	31	75	0	0	0
4/7/1988	34	75	17	0	0
4/8/1988	34	75	0	0	0
4/9/1988	34	75	0	0	0
4/10/1988	34	75	0	0	0
4/11/1988	34	75	14	0	0
4/12/1988	34	75	10	0	0
4/13/1988	34	75	0	0	0
4/14/1988	33	75	9	0	0
4/15/1988	33	75	0	0	0
4/16/1988	33	120	0	0	0
4/17/1988	32	120	0	0	0
4/18/1988	32	120	8	0	0
4/19/1988	32	120	8	0	0
4/20/1988	32	120	10	0	0
4/21/1988	32	120	10	0	0
4/22/1988	32	120	8	0	0
4/23/1988	32	120	10	0	0
4/24/1988	32	120	0	0	0
4/25/1988	32	120	8	0	0
4/26/1988	32	120	8	0	0
4/27/1988	32	120	4	0	0
4/28/1988	31	120	4	0	0
4/29/1988	31	120	3	0	0
4/30/1988	32	120	2	0	0
5/1/1988	32	120	0	0	0
5/2/1988	103	120	4	0	0
5/3/1988	179	120	24	35	69
5/4/1988	217	120	27	70	139
5/5/1988	217	120	27	70	139
5/6/1988	217	120	26	71	141
5/7/1988	220	120	24	76	151
5/8/1988	22	120	0	0	0
5/9/1988	220	120	28	72	143
5/10/1988	222	120	28	74	147
5/11/1988	217	120	20	77	153
5/12/1988	204	120	20	64	127
5/13/1988	204	120	15	70	138
5/14/1988	200	120	7	73	144
5/15/1988	200	120	0	80	159
5/16/1988	200	120	5	75	148
5/17/1988	200	120	2	78	155
5/18/1988	204	120	2	82	163
5/19/1988	202	120	1	81	161
5/20/1988	206	120	0	86	171
5/21/1988	217	120	5	92	182
5/22/1988	222	120	0	102	202
5/23/1988	222	120	2	100	198
5/24/1988	226	120	2	104	206
5/25/1988	222	120	3	99	196
5/26/1988	226	120	3	103	204

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Calculations for Dietrich Site Flow
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Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/27/1988	231	120	2	109	215
5/28/1988	229	120	5	104	207
5/29/1988	233	120	0	113	224
5/30/1988	242	120	7	115	228
5/31/1988	250	120	1	129	255
6/1/1988	189	220	7	0	0
6/2/1988	45	220	0	0	0
6/3/1988	45	220	0	0	0
6/4/1988	45	220	0	0	0
6/5/1988	31	220	0	0	0
6/6/1988	45	220	0	0	0
6/7/1988	28	220	0	0	0
6/8/1988	109	220	0	0	0
6/9/1988	228	220	27	0	0
6/10/1988	235	220	26	0	0
6/11/1988	212	220	24	0	0
6/12/1988	202	220	0	0	0
6/13/1988	216	220	25	0	0
6/14/1988	209	220	24	0	0
6/15/1988	204	220	11	0	0
6/16/1988	207	220	12	0	0
6/17/1988	209	220	12	0	0
6/18/1988	216	220	12	0	0
6/19/1988	200	220	0	0	0
6/20/1988	219	220	10	0	0
6/21/1988	207	220	12	0	0
6/22/1988	212	220	8	0	0
6/23/1988	214	220	12	0	0
6/24/1988	221	220	12	0	0
6/25/1988	209	220	2	0	0
6/26/1988	196	220	0	0	0
6/27/1988	221	220	2	0	0
6/28/1988	230	220	2	0	0
6/29/1988	228	220	5	0	0
6/30/1988	223	220	0	0	0
7/1/1988	230	220	0	0	0
7/2/1988	204	220	0	0	0
7/3/1988	11	220	0	0	0
7/4/1988	7	220	0	0	0
7/5/1988	9	220	0	0	0
7/6/1988	8	220	0	0	0
7/7/1988	8	220	0	0	0
7/8/1988	6	220	0	0	0
7/9/1988	11	220	0	0	0
7/10/1988	2	220	0	0	0
7/11/1988	5	220	0	0	0
7/12/1988	7	220	0	0	0
7/13/1988	7	220	0	0	0
7/14/1988	7	220	0	0	0
7/15/1988	6	220	0	0	0
7/16/1988	7	220	0	0	0
7/17/1988	9	220	0	0	0
7/18/1988	64	220	0	0	0
7/19/1988	6	220	0	0	0
7/20/1988	7	220	0	0	0
7/21/1988	6	220	0	0	0

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Calculations for Dietrich Site Flow
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Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/22/1988	7	220	0	0	0
7/23/1988	7	220	0	0	0
7/24/1988	9	220	0	0	0
7/25/1988	7	220	0	0	0
7/26/1988	7	220	0	0	0
7/27/1988	7	220	0	0	0
7/28/1988	7	220	0	0	0
7/29/1988	6	220	0	0	0
7/30/1988	12	220	0	0	0
7/31/1988	2	220	0	0	0
8/1/1988	78	220	42	0	0
8/2/1988	24	220	0	0	0
8/3/1988	12	220	0	0	0
8/4/1988	9	220	0	0	0
8/5/1988	6	220	0	0	0
8/6/1988	6	220	0	0	0
8/7/1988	6	220	0	0	0
8/8/1988	6	220	0	0	0
8/9/1988	6	220	0	0	0
8/10/1988	6	220	0	0	0
8/11/1988	6	220	0	0	0
8/12/1988	5	220	0	0	0
8/13/1988	5	220	4	0	0
8/14/1988	5	220	0	0	0
8/15/1988	5	220	0	0	0
8/16/1988	2	220	0	0	0
8/17/1988	0	220	0	0	0
8/18/1988	0	220	0	0	0
8/19/1988	0	220	0	0	0
8/20/1988	0	220	0	0	0
8/21/1988	0	220	0	0	0
8/22/1988	0	220	0	0	0
8/23/1988	0	220	0	0	0
8/24/1988	0	220	0	0	0
8/25/1988	0	220	0	0	0
8/26/1988	0	220	0	0	0
8/27/1988	0	220	0	0	0
8/28/1988	0	220	0	0	0
8/29/1988	0	220	4	0	0
8/30/1988	0	220	0	0	0
8/31/1988	0	220	0	0	0
9/1/1988	0	220	0	0	0
9/2/1988	0	220	0	0	0
9/3/1988	0	220	4	0	0
9/4/1988	0	220	0	0	0
9/5/1988	0	220	0	0	0
9/6/1988	0	220	0	0	0
9/7/1988	0	220	0	0	0
9/8/1988	0	220	0	0	0
9/9/1988	0	220	4	0	0
9/10/1988	0	220	0	0	0
9/11/1988	0	220	0	0	0
9/12/1988	0	220	0	0	0
9/13/1988	0	220	0	0	0
9/14/1988	0	220	0	0	0
9/15/1988	0	220	0	0	0

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Calculations for Dietrich Site Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/16/1988	0	220	0	0	0
9/17/1988	0	220	4	0	0
9/18/1988	0	220	0	0	0
9/19/1988	0	220	0	0	0
9/20/1988	0	220	0	0	0
9/21/1988	0	220	0	0	0
9/22/1988	0	220	0	0	0
9/23/1988	0	220	0	0	0
9/24/1988	0	220	0	0	0
9/25/1988	0	220	0	0	0
9/26/1988	0	220	0	0	0
9/27/1988	0	220	0	0	0
9/28/1988	0	220	0	0	0
9/29/1988	0	220	0	0	0
9/30/1988	0	220	0	0	0
10/1/1988	0	75	0	0	0
10/2/1988	0	75	0	0	0
10/3/1988	0	75	0	0	0
10/4/1988	0	75	0	0	0
10/5/1988	0	75	0	0	0
10/6/1988	0	75	0	0	0
10/7/1988	0	75	0	0	0
10/8/1988	0	75	0	0	0
10/9/1988	0	75	0	0	0
10/10/1988	0	75	0	0	0
10/11/1988	0	75	0	0	0
10/12/1988	0	75	0	0	0
10/13/1988	0	75	0	0	0
10/14/1988	0	75	0	0	0
10/15/1988	0	75	0	0	0
10/16/1988	0	75	0	0	0
10/17/1988	0	75	0	0	0
10/18/1988	0	75	0	0	0
10/19/1988	0	75	0	0	0
10/20/1988	0	75	0	0	0
10/21/1988	0	75	0	0	0
10/22/1988	0	75	0	0	0
10/23/1988	0	75	0	0	0
10/24/1988	0	75	0	0	0
10/25/1988	0	75	0	0	0
10/26/1988	0	75	0	0	0
10/27/1988	0	75	0	0	0
10/28/1988	0	75	0	0	0
10/29/1988	0	75	0	0	0
10/30/1988	0	75	0	0	0
10/31/1988	0	75	0	0	0
				129	4765
				Maximum	Total

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Calculations for Dietrich Site Flow
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Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1989	0	75	0	0	0
4/2/1989	0	75	0	0	0
4/3/1989	0	75	0	0	0
4/4/1989	0	75	0	0	0
4/5/1989	0	75	0	0	0
4/6/1989	0	75	0	0	0
4/7/1989	0	75	0	0	0
4/8/1989	32	75	0	0	0
4/9/1989	35	75	0	0	0
4/10/1989	35	75	0	0	0
4/11/1989	33	75	0	0	0
4/12/1989	28	75	0	0	0
4/13/1989	28	75	0	0	0
4/14/1989	53	75	0	0	0
4/15/1989	72	75	0	0	0
4/16/1989	74	120	0	0	0
4/17/1989	53	120	15	0	0
4/18/1989	53	120	9	0	0
4/19/1989	54	120	9	0	0
4/20/1989	54	120	10	0	0
4/21/1989	54	120	9	0	0
4/22/1989	55	120	9	0	0
4/23/1989	54	120	9	0	0
4/24/1989	54	120	6	0	0
4/25/1989	108	120	26	0	0
4/26/1989	104	120	1	0	0
4/27/1989	122	120	7	0	0
4/28/1989	118	120	1	0	0
4/29/1989	133	120	3	10	19
4/30/1989	128	120	3	5	10
5/1/1989	126	120	0	6	12
5/2/1989	41	120	0	0	0
5/3/1989	139	120	0	19	38
5/4/1989	171	120	11	41	80
5/5/1989	175	120	0	55	109
5/6/1989	209	120	10	79	157
5/7/1989	161	120	5	36	71
5/8/1989	213	120	5	88	175
5/9/1989	209	120	3	86	171
5/10/1989	240	120	10	110	218
5/11/1989	211	120	8	83	165
5/12/1989	211	120	10	81	161
5/13/1989	220	120	10	90	179
5/14/1989	168	120	10	38	75
5/15/1989	229	120	20	89	177
5/16/1989	238	120	24	94	186
5/17/1989	233	120	24	89	177
5/18/1989	238	120	16	102	202
5/19/1989	238	120	16	102	202
5/20/1989	233	120	24	89	177
5/21/1989	171	120	24	27	54
5/22/1989	233	120	24	89	177
5/23/1989	229	120	20	89	177
5/24/1989	229	120	20	89	177
5/25/1989	238	120	12	106	210

IWRB00003476

Calculations for Dietrich Site Flow
1989
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1989	238	120	12	106	210
5/27/1989	238	120	5	113	224
5/28/1989	170	120	5	45	89
5/29/1989	238	120	5	113	224
5/30/1989	240	120	5	115	228
5/31/1989	238	120	5	113	224
6/1/1989	171	220	5	0	0
6/2/1989	173	220	4	0	0
6/3/1989	173	220	5	0	0
6/4/1989	174	220	5	0	0
6/5/1989	170	220	5	0	0
6/6/1989	170	220	8	0	0
6/7/1989	173	220	9	0	0
6/8/1989	171	220	9	0	0
6/9/1989	170	220	6	0	0
6/10/1989	172	220	2	0	0
6/11/1989	173	220	2	0	0
6/12/1989	175	220	2	0	0
6/13/1989	178	220	1	0	0
6/14/1989	155	220	1	0	0
6/15/1989	162	220	6	0	0
6/16/1989	170	220	4	0	0
6/17/1989	156	220	10	0	0
6/18/1989	157	220	10	0	0
6/19/1989	158	220	8	0	0
6/20/1989	160	220	8	0	0
6/21/1989	162	220	8	0	0
6/22/1989	163	220	8	0	0
6/23/1989	163	220	8	0	0
6/24/1989	164	220	8	0	0
6/25/1989	165	220	8	0	0
6/26/1989	166	220	8	0	0
6/27/1989	168	220	8	0	0
6/28/1989	161	220	8	0	0
6/29/1989	160	220	8	0	0
6/30/1989	161	220	8	0	0
7/1/1989	158	220	8	0	0
7/2/1989	159	220	8	0	0
7/3/1989	162	220	7	0	0
7/4/1989	164	220	7	0	0
7/5/1989	168	220	8	0	0
7/6/1989	168	220	8	0	0
7/7/1989	169	220	8	0	0
7/8/1989	171	220	8	0	0
7/9/1989	172	220	8	0	0
7/10/1989	174	220	8	0	0
7/11/1989	174	220	7	0	0
7/12/1989	174	220	5	0	0
7/13/1989	178	220	6	0	0
7/14/1989	179	220	8	0	0
7/15/1989	178	220	8	0	0
7/16/1989	179	220	8	0	0
7/17/1989	179	220	8	0	0
7/18/1989	179	220	8	0	0
7/19/1989	178	220	8	0	0

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Calculations for Dietrich Site Flow
1989
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3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1989	177	220	6	0	0
7/21/1989	177	220	6	0	0
7/22/1989	176	220	6	0	0
7/23/1989	177	220	6	0	0
7/24/1989	175	220	8	0	0
7/25/1989	175	220	7	0	0
7/26/1989	174	220	9	0	0
7/27/1989	174	220	9	0	0
7/28/1989	173	220	9	0	0
7/29/1989	174	220	9	0	0
7/30/1989	173	220	9	0	0
7/31/1989	172	220	9	0	0
8/1/1989	172	220	9	0	0
8/2/1989	169	220	9	0	0
8/3/1989	171	220	8	0	0
8/4/1989	174	220	9	0	0
8/5/1989	172	220	10	0	0
8/6/1989	171	220	10	0	0
8/7/1989	171	220	9	0	0
8/8/1989	171	220	9	0	0
8/9/1989	171	220	9	0	0
8/10/1989	165	220	8	0	0
8/11/1989	164	220	14	0	0
8/12/1989	164	220	16	0	0
8/13/1989	163	220	16	0	0
8/14/1989	163	220	15	0	0
8/15/1989	162	220	17	0	0
8/16/1989	161	220	18	0	0
8/17/1989	158	220	17	0	0
8/18/1989	156	220	17	0	0
8/19/1989	155	220	15	0	0
8/20/1989	156	220	15	0	0
8/21/1989	158	220	14	0	0
8/22/1989	157	220	14	0	0
8/23/1989	156	220	17	0	0
8/24/1989	146	220	20	0	0
8/25/1989	145	220	17	0	0
8/26/1989	143	220	20	0	0
8/27/1989	143	220	20	0	0
8/28/1989	143	220	20	0	0
8/29/1989	140	220	20	0	0
8/30/1989	138	220	16	0	0
8/31/1989	145	220	16	0	0
9/1/1989	192	220	15	0	0
9/2/1989	179	220	17	0	0
9/3/1989	35	220	16	0	0
9/4/1989	0	220	15	0	0
9/5/1989	0	220	0	0	0
9/6/1989	0	220	0	0	0
9/7/1989	10	220	0	0	0
9/8/1989	104	220	0	0	0
9/9/1989	104	220	0	0	0
9/10/1989	156	220	0	0	0
9/11/1989	292	220	24	0	0
9/12/1989	278	220	24	0	0

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Calculations for Dietrich Site Flow
1989
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1989	278	220	24	0	0
9/14/1989	282	220	26	0	0
9/15/1989	252	220	22	0	0
9/16/1989	247	220	30	0	0
9/17/1989	131	220	30	0	0
9/18/1989	222	220	30	0	0
9/19/1989	200	220	20	0	0
9/20/1989	196	220	20	0	0
9/21/1989	200	220	20	0	0
9/22/1989	189	220	18	0	0
9/23/1989	179	220	18	0	0
9/24/1989	77	220	0	0	0
9/25/1989	30	220	0	0	0
9/26/1989	19	220	0	0	0
9/27/1989	30	220	0	0	0
9/28/1989	30	220	0	0	0
9/29/1989	31	220	0	0	0
9/30/1989	0	220	0	0	0
10/1/1989	0	75	0	0	0
10/2/1989	0	75	0	0	0
10/3/1989	0	75	0	0	0
10/4/1989	0	75	4	0	0
10/5/1989	0	75	2	0	0
10/6/1989	0	75	1	0	0
10/7/1989	0	75	3	0	0
10/8/1989	0	75	2	0	0
10/9/1989	0	75	0	0	0
10/10/1989	0	75	0	0	0
10/11/1989	0	75	0	0	0
10/12/1989	0	75	0	0	0
10/13/1989	0	75	0	0	0
10/14/1989	0	75	0	0	0
10/15/1989	0	75	0	0	0
10/16/1989	0	75	0	0	0
10/17/1989	0	75	0	0	0
10/18/1989	0	75	0	0	0
10/19/1989	0	75	0	0	0
10/20/1989	0	75	0	0	0
10/21/1989	0	75	0	0	0
10/22/1989	0	75	0	0	0
10/23/1989	0	75	0	0	0
10/24/1989	0	75	0	0	0
10/25/1989	0	75	0	0	0
10/26/1989	0	75	0	0	0
10/27/1989	0	75	0	0	0
10/28/1989	0	75	0	0	0
10/29/1989	0	75	0	0	0
10/30/1989	0	75	0	0	0
10/31/1989	0	75	0	0	0
11/1/1989	0	75	0	0	0
11/2/1989	0	75	0	0	0
11/3/1989	0	75	0	0	0
11/4/1989	0	75	0	0	0
11/5/1989	0	75	0	0	0
11/6/1989	0	75	0	0	0

Calculations for Dietrich Site Flow
1989
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
11/7/1989	0	75	0	0	0
11/8/1989	0	75	0	0	0
11/9/1989	0	75	0	0	0
11/10/1989	0	75	0	0	0
11/11/1989	0	75	0	0	0
11/12/1989	0	75	0	0	0
11/13/1989	0	75	0	0	0
11/14/1989	0	75	0	0	0
11/15/1989	0	75	0	0	0
11/16/1989	0	75	0	0	0
				115	4753
				Maximum	Total

IWRB00003480

Calculations for Dietrich Site Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1990	65	75	0	0	0
4/2/1990	65	75	0	0	0
4/3/1990	65	75	0	0	0
4/4/1990	65	75	0	0	0
4/5/1990	65	75	0	0	0
4/6/1990	65	75	0	0	0
4/7/1990	65	75	25	0	0
4/8/1990	64	75	0	0	0
4/9/1990	64	75	28	0	0
4/10/1990	64	75	28	0	0
4/11/1990	64	75	19	0	0
4/12/1990	64	75	14	0	0
4/13/1990	63	75	14	0	0
4/14/1990	63	75	12	0	0
4/15/1990	63	75	0	0	0
4/16/1990	63	120	12	0	0
4/17/1990	63	120	8	0	0
4/18/1990	52	120	8	0	0
4/19/1990	63	120	8	0	0
4/20/1990	62	120	8	0	0
4/21/1990	62	120	8	0	0
4/22/1990	62	120	0	0	0
4/23/1990	63	120	10	0	0
4/24/1990	63	120	12	0	0
4/25/1990	63	120	12	0	0
4/26/1990	63	120	12	0	0
4/27/1990	64	120	12	0	0
4/28/1990	64	120	0	0	0
4/29/1990	64	120	12	0	0
4/30/1990	64	120	0	0	0
5/1/1990	59	120	12	0	0
5/2/1990	59	120	12	0	0
5/3/1990	58	120	8	0	0
5/4/1990	58	120	5	0	0
5/5/1990	58	120	4	0	0
5/6/1990	58	120	0	0	0
5/7/1990	151	120	0	31	61
5/8/1990	200	120	78	2	4
5/9/1990	198	120	78	0	0
5/10/1990	208	120	25	63	125
5/11/1990	208	120	22	66	131
5/12/1990	216	120	15	81	161
5/13/1990	214	120	0	94	186
5/14/1990	214	120	21	73	145
5/15/1990	216	120	26	70	139
5/16/1990	218	120	20	78	155
5/17/1990	214	120	20	74	147
5/18/1990	218	120	16	82	163
5/19/1990	214	120	15	79	157
5/20/1990	220	120	0	100	198
5/21/1990	218	120	20	78	155
5/22/1990	218	120	20	78	155
5/23/1990	220	120	16	84	167
5/24/1990	220	120	15	85	169
5/25/1990	212	120	20	72	143

IWRB00003481

Calculations for Dietrich Site Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1990	204	120	105	0	0
5/27/1990	206	120	0	86	171
5/28/1990	208	120	5	83	165
5/29/1990	208	120	5	83	165
5/30/1990	214	120	3	91	180
5/31/1990	214	120	5	89	177
6/1/1990	174	220	20	0	0
6/2/1990	10	220	0	0	0
6/3/1990	10	220	1	0	0
6/4/1990	12	220	1	0	0
6/5/1990	4	220	1	0	0
6/6/1990	4	220	5	0	0
6/7/1990	4	220	5	0	0
6/8/1990	124	220	8	0	0
6/9/1990	135	220	4	0	0
6/10/1990	141	220	0	0	0
6/11/1990	166	220	0	0	0
6/12/1990	173	220	19	0	0
6/13/1990	177	220	5	0	0
6/14/1990	177	220	6	0	0
6/15/1990	182	220	8	0	0
6/16/1990	188	220	9	0	0
6/17/1990	190	220	7	0	0
6/18/1990	192	220	7	0	0
6/19/1990	196	220	9	0	0
6/20/1990	200	220	10	0	0
6/21/1990	202	220	9	0	0
6/22/1990	208	220	7	0	0
6/23/1990	224	220	1	0	0
6/24/1990	239	220	6	0	0
6/25/1990	250	220	6	0	0
6/26/1990	259	220	4	0	0
6/27/1990	271	220	2	0	0
6/28/1990	278	220	6	0	0
6/29/1990	292	220	3	0	0
6/30/1990	304	220	6	0	0
7/1/1990	210	220	0	0	0
7/2/1990	222	220	4	0	0
7/3/1990	235	220	8	0	0
7/4/1990	233	220	7	0	0
7/5/1990	235	220	4	0	0
7/6/1990	231	220	3	0	0
7/7/1990	248	220	6	0	0
7/8/1990	250	220	0	0	0
7/9/1990	252	220	8	0	0
7/10/1990	235	220	8	0	0
7/11/1990	257	220	9	0	0
7/12/1990	252	220	8	0	0
7/13/1990	259	220	6	0	0
7/14/1990	259	220	8	0	0
7/15/1990	257	220	0	0	0
7/16/1990	257	220	6	0	0
7/17/1990	262	220	5	0	0
7/18/1990	257	220	4	0	0
7/19/1990	262	220	5	0	0

IWRB00003482

Calculations for Dietrich Site Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1990	7	220	6	0	0
7/21/1990	0	220	0	0	0
7/22/1990	0	220	0	0	0
7/23/1990	0	220	0	0	0
7/24/1990	0	220	0	0	0
7/25/1990	0	220	0	0	0
7/26/1990	0	220	0	0	0
7/27/1990	0	220	0	0	0
7/28/1990	0	220	0	0	0
7/29/1990	0	220	0	0	0
7/30/1990	0	220	0	0	0
7/31/1990	0	220	0	0	0
8/1/1990	0	220	0	0	0
8/2/1990	0	220	0	0	0
8/3/1990	0	220	0	0	0
8/4/1990	0	220	0	0	0
8/5/1990	0	220	0	0	0
8/6/1990	0	220	0	0	0
8/7/1990	0	220	0	0	0
8/8/1990	0	220	0	0	0
8/9/1990	0	220	0	0	0
8/10/1990	0	220	0	0	0
8/11/1990	0	220	0	0	0
8/12/1990	0	220	0	0	0
8/13/1990	0	220	0	0	0
8/14/1990	0	220	0	0	0
8/15/1990	0	220	0	0	0
8/16/1990	0	220	0	0	0
8/17/1990	0	220	0	0	0
8/18/1990	0	220	0	0	0
8/19/1990	0	220	0	0	0
8/20/1990	0	220	0	0	0
8/21/1990	0	220	0	0	0
8/22/1990	65	220	0	0	0
8/23/1990	92	220	49	0	0
8/24/1990	231	220	25	0	0
8/25/1990	146	220	0	0	0
8/26/1990	136	220	0	0	0
8/27/1990	0	220	0	0	0
8/28/1990	0	220	0	0	0
8/29/1990	0	220	0	0	0
8/30/1990	0	220	0	0	0
8/31/1990	0	220	0	0	0
9/1/1990	0	220	0	0	0
9/2/1990	0	220	0	0	0
9/3/1990	0	220	0	0	0
9/4/1990	0	220	0	0	0
9/5/1990	0	220	0	0	0
9/6/1990	0	220	0	0	0
9/7/1990	0	220	0	0	0
9/8/1990	0	220	0	0	0
9/9/1990	0	220	0	0	0
9/10/1990	0	220	0	0	0
9/11/1990	0	220	0	0	0
9/12/1990	0	220	0	0	0

IWRB00003483

Calculations for Dietrich Site Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1990	0	220	0	0	0
9/14/1990	0	220	0	0	0
9/15/1990	0	220	0	0	0
9/16/1990	0	220	0	0	0
9/17/1990	0	220	0	0	0
9/18/1990	0	220	0	0	0
9/19/1990	0	220	0	0	0
9/20/1990	0	220	0	0	0
9/21/1990	0	220	0	0	0
9/22/1990	0	220	0	0	0
9/23/1990	0	220	0	0	0
9/24/1990	0	220	0	0	0
9/25/1990	0	220	0	0	0
9/26/1990	0	220	0	0	0
9/27/1990	0	220	0	0	0
9/28/1990	0	220	0	0	0
9/29/1990	0	220	0	0	0
9/30/1990	0	220	0	0	0
10/1/1990	0	75	0	0	0
10/2/1990	0	75	0	0	0
10/3/1990	0	75	0	0	0
10/4/1990	0	75	0	0	0
10/5/1990	0	75	0	0	0
10/6/1990	0	75	0	0	0
10/7/1990	0	75	0	0	0
10/8/1990	0	75	0	0	0
10/9/1990	0	75	0	0	0
10/10/1990	0	75	0	0	0
10/11/1990	0	75	0	0	0
10/12/1990	0	75	0	0	0
10/13/1990	0	75	0	0	0
10/14/1990	0	75	0	0	0
10/15/1990	0	75	0	0	0
10/16/1990	0	75	0	0	0
10/17/1990	0	75	0	0	0
10/18/1990	0	75	0	0	0
10/19/1990	0	75	0	0	0
10/20/1990	0	75	0	0	0
10/21/1990	0	75	0	0	0
10/22/1990	0	75	0	0	0
10/23/1990	0	75	0	0	0
10/24/1990	0	75	0	0	0
10/25/1990	0	75	0	0	0
10/26/1990	0	75	0	0	0
10/27/1990	0	75	0	0	0
10/28/1990	0	75	0	0	0
10/29/1990	0	75	0	0	0
10/30/1990	0	75	0	0	0
10/31/1990	0	75	0	0	0
				100	3416
				Maximum	Total

IWRB00003484

Calculations for Dietrich Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1991	0	75	0	0	0
4/2/1991	0	75	0	0	0
4/3/1991	0	75	0	0	0
4/4/1991	32	75	0	0	0
4/5/1991	31	75	0	0	0
4/6/1991	31	75	0	0	0
4/7/1991	31	75	0	0	0
4/8/1991	31	75	0	0	0
4/9/1991	51	75	0	0	0
4/10/1991	51	75	0	0	0
4/11/1991	51	75	0	0	0
4/12/1991	51	75	0	0	0
4/13/1991	51	75	0	0	0
4/14/1991	51	75	0	0	0
4/15/1991	51	75	0	0	0
4/16/1991	51	120	0	0	0
4/17/1991	49	120	0	0	0
4/18/1991	49	120	0	0	0
4/19/1991	48	120	0	0	0
4/20/1991	48	120	0	0	0
4/21/1991	48	120	0	0	0
4/22/1991	48	120	0	0	0
4/23/1991	48	120	0	0	0
4/24/1991	48	120	0	0	0
4/25/1991	50	120	0	0	0
4/26/1991	49	120	0	0	0
4/27/1991	48	120	0	0	0
4/28/1991	56	120	0	0	0
4/29/1991	48	120	0	0	0
4/30/1991	48	120	0	0	0
5/1/1991	48	120	2	0	0
5/2/1991	48	120	3	0	0
5/3/1991	48	120	2	0	0
5/4/1991	49	120	0	0	0
5/5/1991	60	120	0	0	0
5/6/1991	49	120	0	0	0
5/7/1991	49	120	0	0	0
5/8/1991	49	120	0	0	0
5/9/1991	49	120	0	0	0
5/10/1991	50	120	0	0	0
5/11/1991	50	120	0	0	0
5/12/1991	60	120	0	0	0
5/13/1991	51	120	0	0	0
5/14/1991	50	120	0	0	0
5/15/1991	50	120	0	0	0
5/16/1991	50	120	0	0	0
5/17/1991	49	120	0	0	0
5/18/1991	49	120	0	0	0
5/19/1991	55	120	0	0	0
5/20/1991	45	120	1	0	0
5/21/1991	46	120	0	0	0
5/22/1991	46	120	0	0	0
5/23/1991	173	120	3	50	99
5/24/1991	233	120	31	82	163
5/25/1991	234	120	22	92	182

IWRB00003485

Calculations for Dietrich Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1991	216	120	0	96	190
5/27/1991	224	120	1	103	204
5/28/1991	233	120	4	109	216
5/29/1991	233	120	5	108	214
5/30/1991	255	120	7	128	254
5/31/1991	255	120	6	129	256
6/1/1991	282	220	0	0	0
6/2/1991	287	220	0	0	0
6/3/1991	287	220	0	0	0
6/4/1991	202	220	0	0	0
6/5/1991	220	220	0	0	0
6/6/1991	233	220	0	0	0
6/7/1991	235	220	0	0	0
6/8/1991	235	220	0	0	0
6/9/1991	235	220	0	0	0
6/10/1991	237	220	0	0	0
6/11/1991	235	220	0	0	0
6/12/1991	239	220	0	0	0
6/13/1991	239	220	0	0	0
6/14/1991	262	220	0	0	0
6/15/1991	268	220	0	0	0
6/16/1991	271	220	0	0	0
6/17/1991	278	220	0	0	0
6/18/1991	292	220	0	0	0
6/19/1991	302	220	0	0	0
6/20/1991	312	220	0	0	0
6/21/1991	319	220	0	0	0
6/22/1991	324	220	0	0	0
6/23/1991	332	220	0	0	0
6/24/1991	340	220	0	0	0
6/25/1991	342	220	0	0	0
6/26/1991	222	220	0	0	0
6/27/1991	228	220	0	0	0
6/28/1991	237	220	0	0	0
6/29/1991	243	220	0	0	0
6/30/1991	252	220	0	0	0
7/1/1991	255	220	0	0	0
7/2/1991	271	220	0	0	0
7/3/1991	278	220	0	0	0
7/4/1991	282	220	0	0	0
7/5/1991	287	220	0	0	0
7/6/1991	297	220	0	0	0
7/7/1991	302	220	0	0	0
7/8/1991	307	220	0	0	0
7/9/1991	307	220	0	0	0
7/10/1991	312	220	0	0	0
7/11/1991	0	220	0	0	0
7/12/1991	0	220	0	0	0
7/13/1991	0	220	0	0	0
7/14/1991	0	220	0	0	0
7/15/1991	0	220	0	0	0
7/16/1991	0	220	0	0	0
7/17/1991	0	220	0	0	0
7/18/1991	0	220	0	0	0
7/19/1991	0	220	0	0	0

IWRB00003486

Calculations for Dietrich Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1991	0	220	0	0	0
7/21/1991	0	220	0	0	0
7/22/1991	0	220	0	0	0
7/23/1991	0	220	0	0	0
7/24/1991	0	220	0	0	0
7/25/1991	0	220	0	0	0
7/26/1991	0	220	0	0	0
7/27/1991	0	220	0	0	0
7/28/1991	0	220	0	0	0
7/29/1991	0	220	0	0	0
7/30/1991	0	220	0	0	0
7/31/1991	0	220	0	0	0
8/1/1991	0	220	0	0	0
8/2/1991	0	220	0	0	0
8/3/1991	0	220	0	0	0
8/4/1991	0	220	0	0	0
8/5/1991	0	220	0	0	0
8/6/1991	0	220	0	0	0
8/7/1991	0	220	0	0	0
8/8/1991	0	220	0	0	0
8/9/1991	0	220	0	0	0
8/10/1991	0	220	0	0	0
8/11/1991	0	220	0	0	0
8/12/1991	0	220	0	0	0
8/13/1991	0	220	0	0	0
8/14/1991	80	220	0	0	0
8/15/1991	96	220	8	0	0
8/16/1991	92	220	13	0	0
8/17/1991	25	220	0	0	0
8/18/1991	0	220	0	0	0
8/19/1991	0	220	0	0	0
8/20/1991	0	220	0	0	0
8/21/1991	0	220	0	0	0
8/22/1991	0	220	0	0	0
8/23/1991	0	220	0	0	0
8/24/1991	0	220	0	0	0
8/25/1991	0	220	0	0	0
8/26/1991	0	220	0	0	0
8/27/1991	0	220	0	0	0
8/28/1991	0	220	0	0	0
8/29/1991	0	220	0	0	0
8/30/1991	0	220	0	0	0
8/31/1991	0	220	0	0	0
9/1/1991	0	220	0	0	0
9/2/1991	0	220	0	0	0
9/3/1991	0	220	0	0	0
9/4/1991	0	220	0	0	0
9/5/1991	0	220	0	0	0
9/6/1991	0	220	0	0	0
9/7/1991	0	220	0	0	0
9/8/1991	0	220	0	0	0
9/9/1991	0	220	0	0	0
9/10/1991	0	220	0	0	0
9/11/1991	0	220	0	0	0
9/12/1991	0	220	0	0	0

IWRB00003487

Calculations for Dietrich Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1991	0	220	0	0	0
9/14/1991	0	220	0	0	0
9/15/1991	0	220	0	0	0
9/16/1991	0	220	0	0	0
9/17/1991	0	220	0	0	0
9/18/1991	0	220	0	0	0
9/19/1991	0	220	0	0	0
9/20/1991	0	220	0	0	0
9/21/1991	0	220	0	0	0
9/22/1991	0	220	0	0	0
9/23/1991	0	220	0	0	0
9/24/1991	0	220	0	0	0
9/25/1991	0	220	0	0	0
9/26/1991	47	220	0	0	0
9/27/1991	0	220	0	0	0
9/28/1991	0	220	0	0	0
9/29/1991	0	220	0	0	0
9/30/1991	48	220	0	0	0
10/1/1991	0	75	0	0	0
10/2/1991	0	75	0	0	0
10/3/1991	0	75	0	0	0
10/4/1991	0	75	0	0	0
10/5/1991	0	75	0	0	0
10/6/1991	0	75	0	0	0
10/7/1991	0	75	0	0	0
10/8/1991	0	75	0	0	0
10/9/1991	0	75	0	0	0
10/10/1991	0	75	0	0	0
10/11/1991	0	75	0	0	0
10/12/1991	0	75	0	0	0
10/13/1991	0	75	0	0	0
10/14/1991	0	75	0	0	0
10/15/1991	0	75	0	0	0
10/16/1991	0	75	0	0	0
10/17/1991	0	75	0	0	0
10/18/1991	0	75	0	0	0
10/19/1991	0	75	0	0	0
10/20/1991	0	75	0	0	0
10/21/1991	0	75	0	0	0
10/22/1991	0	75	0	0	0
10/23/1991	0	75	0	0	0
10/24/1991	0	75	0	0	0
10/25/1991	0	75	0	0	0
10/26/1991	0	75	0	0	0
10/27/1991	0	75	0	0	0
10/28/1991	0	75	0	0	0
10/29/1991	0	75	0	0	0
10/30/1991	0	75	0	0	0
10/31/1991	0	75	0	0	0
11/1/1991	0	75	0	0	0
11/2/1991	0	75	0	0	0
11/3/1991	0	75	0	0	0
11/4/1991	0	75	0	0	0
11/5/1991	0	75	0	0	0
11/6/1991	0	75	0	0	0

IWRB00003488

Calculations for Dietrich Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
11/7/1991	0	75	0	0	0
11/8/1991	0	75	0	0	0
11/9/1991	0	75	0	0	0
11/10/1991	0	75	0	0	0
11/11/1991	0	75	0	0	0
11/12/1991	0	75	0	0	0
11/13/1991	0	75	0	0	0
11/14/1991	0	75	0	0	0
11/15/1991	0	75	0	0	0
11/16/1991	0	75	0	0	0
11/17/1991	0	75	0	0	0
11/18/1991	0	75	0	0	0
11/19/1991	0	75	0	0	0
11/20/1991	0	75	0	0	0
11/21/1991	0	75	0	0	0
11/22/1991	0	75	0	0	0
				129	1779
				Maximum	Total

IWRB00003489

Calculations for Dietrich Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
4/1/1992	0	75	0	0	0
4/2/1992	0	75	0	0	0
4/3/1992	0	75	0	0	0
4/4/1992	0	75	0	0	0
4/5/1992	0	75	0	0	0
4/6/1992	0	75	0	0	0
4/7/1992	0	75	0	0	0
4/8/1992	0	75	0	0	0
4/9/1992	0	75	0	0	0
4/10/1992	0	75	0	0	0
4/11/1992	0	75	0	0	0
4/12/1992	0	75	0	0	0
4/13/1992	0	75	0	0	0
4/14/1992	0	75	0	0	0
4/15/1992	0	75	0	0	0
4/16/1992	0	120	0	0	0
4/17/1992	0	120	0	0	0
4/18/1992	0	120	0	0	0
4/19/1992	0	120	0	0	0
4/20/1992	0	120	0	0	0
4/21/1992	0	120	0	0	0
4/22/1992	30	120	0	0	0
4/23/1992	29	120	0	0	0
4/24/1992	30	120	0	0	0
4/25/1992	30	120	0	0	0
4/26/1992	30	120	0	0	0
4/27/1992	30	120	0	0	0
4/28/1992	30	120	0	0	0
4/29/1992	23	120	0	0	0
4/30/1992	51	120	0	0	0
5/1/1992	50	120	13	0	0
5/2/1992	171	120	10	41	81
5/3/1992	220	120	10	90	179
5/4/1992	202	120	10	72	143
5/5/1992	237	120	0	117	232
5/6/1992	233	120	0	113	224
5/7/1992	233	120	0	113	224
5/8/1992	241	120	0	121	240
5/9/1992	259	120	0	139	276
5/10/1992	223	120	0	103	204
5/11/1992	259	120	0	139	276
5/12/1992	264	120	0	144	286
5/13/1992	264	120	0	144	286
5/14/1992	204	120	0	84	167
5/15/1992	208	120	0	88	175
5/16/1992	208	120	0	88	175
5/17/1992	188	120	0	68	135
5/18/1992	218	120	0	98	194
5/19/1992	212	120	0	92	182
5/20/1992	218	120	0	98	194
5/21/1992	216	120	0	96	190
5/22/1992	0	120	0	0	0
5/23/1992	0	120	0	0	0
5/24/1992	0	120	0	0	0
5/25/1992	0	120	0	0	0

IWRB00003490

Calculations for Dietrich Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
5/26/1992	0	120	0	0	0
5/27/1992	0	120	0	0	0
5/28/1992	0	120	0	0	0
5/29/1992	0	120	0	0	0
5/30/1992	0	120	0	0	0
5/31/1992	0	120	0	0	0
6/1/1992	0	220	0	0	0
6/2/1992	0	220	0	0	0
6/3/1992	0	220	0	0	0
6/4/1992	0	220	0	0	0
6/5/1992	0	220	0	0	0
6/6/1992	0	220	0	0	0
6/7/1992	0	220	0	0	0
6/8/1992	0	220	0	0	0
6/9/1992	0	220	0	0	0
6/10/1992	0	220	0	0	0
6/11/1992	0	220	0	0	0
6/12/1992	0	220	0	0	0
6/13/1992	0	220	0	0	0
6/14/1992	0	220	0	0	0
6/15/1992	0	220	0	0	0
6/16/1992	0	220	0	0	0
6/17/1992	0	220	0	0	0
6/18/1992	0	220	0	0	0
6/19/1992	0	220	0	0	0
6/20/1992	0	220	0	0	0
6/21/1992	0	220	0	0	0
6/22/1992	0	220	0	0	0
6/23/1992	0	220	0	0	0
6/24/1992	0	220	0	0	0
6/25/1992	0	220	0	0	0
6/26/1992	0	220	0	0	0
6/27/1992	0	220	0	0	0
6/28/1992	0	220	0	0	0
6/29/1992	0	220	0	0	0
6/30/1992	0	220	0	0	0
7/1/1992	214	220	0	0	0
7/2/1992	0	220	0	0	0
7/3/1992	0	220	0	0	0
7/4/1992	0	220	0	0	0
7/5/1992	0	220	0	0	0
7/6/1992	0	220	0	0	0
7/7/1992	0	220	0	0	0
7/8/1992	0	220	0	0	0
7/9/1992	0	220	0	0	0
7/10/1992	0	220	0	0	0
7/11/1992	0	220	0	0	0
7/12/1992	0	220	0	0	0
7/13/1992	0	220	0	0	0
7/14/1992	0	220	0	0	0
7/15/1992	0	220	0	0	0
7/16/1992	0	220	0	0	0
7/17/1992	0	220	0	0	0
7/18/1992	0	220	0	0	0
7/19/1992	0	220	0	0	0

IWRB00003491

Calculations for Dietrich Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
7/20/1992	7	220	0	0	0
7/21/1992	0	220	0	0	0
7/22/1992	0	220	0	0	0
7/23/1992	0	220	0	0	0
7/24/1992	0	220	0	0	0
7/25/1992	0	220	0	0	0
7/26/1992	0	220	0	0	0
7/27/1992	0	220	0	0	0
7/28/1992	0	220	0	0	0
7/29/1992	0	220	0	0	0
7/30/1992	0	220	0	0	0
7/31/1992	0	220	0	0	0
8/1/1992	0	220	0	0	0
8/2/1992	0	220	0	0	0
8/3/1992	0	220	0	0	0
8/4/1992	0	220	0	0	0
8/5/1992	0	220	0	0	0
8/6/1992	0	220	0	0	0
8/7/1992	0	220	0	0	0
8/8/1992	0	220	0	0	0
8/9/1992	0	220	0	0	0
8/10/1992	0	220	0	0	0
8/11/1992	0	220	0	0	0
8/12/1992	0	220	0	0	0
8/13/1992	0	220	0	0	0
8/14/1992	0	220	0	0	0
8/15/1992	0	220	0	0	0
8/16/1992	0	220	0	0	0
8/17/1992	0	220	0	0	0
8/18/1992	0	220	0	0	0
8/19/1992	0	220	0	0	0
8/20/1992	0	220	0	0	0
8/21/1992	0	220	0	0	0
8/22/1992	0	220	0	0	0
8/23/1992	0	220	0	0	0
8/24/1992	0	220	0	0	0
8/25/1992	0	220	0	0	0
8/26/1992	0	220	0	0	0
8/27/1992	0	220	0	0	0
8/28/1992	0	220	0	0	0
8/29/1992	0	220	0	0	0
8/30/1992	0	220	0	0	0
8/31/1992	0	220	0	0	0
9/1/1992	0	220	0	0	0
9/2/1992	0	220	0	0	0
9/3/1992	0	220	0	0	0
9/4/1992	0	220	0	0	0
9/5/1992	0	220	0	0	0
9/6/1992	0	220	0	0	0
9/7/1992	0	220	0	0	0
9/8/1992	0	220	0	0	0
9/9/1992	0	220	0	0	0
9/10/1992	0	220	0	0	0
9/11/1992	0	220	0	0	0
9/12/1992	0	220	0	0	0

IWRB00003492

Calculations for Dietrich Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 11 Flow (cfs)	WR Demand (cfs)	F-Waste (cfs)	Recharge (cfs)	Recharge Vol (acft)
9/13/1992	0	220	0	0	0
9/14/1992	0	220	0	0	0
9/15/1992	0	220	0	0	0
9/16/1992	0	220	0	0	0
9/17/1992	0	220	0	0	0
9/18/1992	0	220	0	0	0
9/19/1992	0	220	0	0	0
9/20/1992	0	220	0	0	0
9/21/1992	0	220	0	0	0
9/22/1992	0	220	0	0	0
9/23/1992	0	220	0	0	0
9/24/1992	0	220	0	0	0
9/25/1992	0	220	0	0	0
9/26/1992	0	220	0	0	0
9/27/1992	0	220	0	0	0
9/28/1992	0	220	0	0	0
9/29/1992	0	220	0	0	0
9/30/1992	0	220	0	0	0
10/1/1992	0	75	0	0	0
10/2/1992	0	75	0	0	0
10/3/1992	0	75	0	0	0
10/4/1992	0	75	0	0	0
10/5/1992	0	75	0	0	0
10/6/1992	0	75	0	0	0
10/7/1992	0	75	0	0	0
10/8/1992	0	75	0	0	0
10/9/1992	0	75	0	0	0
10/10/1992	0	75	0	0	0
10/11/1992	0	75	0	0	0
10/12/1992	0	75	0	0	0
10/13/1992	0	75	0	0	0
10/14/1992	0	75	0	0	0
10/15/1992	0	75	0	0	0
10/16/1992	0	75	0	0	0
10/17/1992	0	75	0	0	0
10/18/1992	0	75	0	0	0
10/19/1992	0	75	0	0	0
10/20/1992	0	75	0	0	0
10/21/1992	0	75	0	0	0
10/22/1992	0	75	0	0	0
10/23/1992	0	75	0	0	0
10/24/1992	0	75	0	0	0
10/25/1992	0	75	0	0	0
10/26/1992	0	75	0	0	0
10/27/1992	0	75	0	0	0
10/28/1992	0	75	0	0	0
10/29/1992	0	75	0	0	0
10/30/1992	0	75	0	0	0
10/31/1992	0	75	0	0	0
				144	4062
				Maximum	Total

IWRB00003493

Appendix M

Spreadsheet Calculations of Shoshone Site Flows

Calculations for Shoshone Site Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1982	0	0	0	0	0	0
4/2/1982	0	0	0	0	0	0
4/3/1982	0	0	0	0	0	0
4/4/1982	0	0	0	0	0	0
4/5/1982	0	0	0	0	0	0
4/6/1982	0	0	0	0	0	0
4/7/1982	0	0	0	0	0	0
4/8/1982	0	0	0	0	0	0
4/9/1982	0	0	0	0	0	0
4/10/1982	0	0	0	0	0	0
4/11/1982	0	0	0	0	0	0
4/12/1982	0	0	0	0	0	0
4/13/1982	0	52	0	52	52	103
4/14/1982	0	100	0	100	100	198
4/15/1982	0	152	0	152	152	301
4/16/1982	0	85	0	85	85	169
4/17/1982	0	103	0	103	103	204
4/18/1982	109	196	0	196	87	173
4/19/1982	147	212	0	212	65	129
4/20/1982	150	210	0	210	60	119
4/21/1982	153	213	0	213	60	119
4/22/1982	156	209	0	209	53	105
4/23/1982	273	292	0	292	19	38
4/24/1982	414	378	0	378	0	0
4/25/1982	422	386	0	386	0	0
4/26/1982	97	205	0	205	108	214
4/27/1982	82	205	0	205	123	244
4/28/1982	405	339	0	339	0	0
4/29/1982	412	388	0	388	0	0
4/30/1982	410	392	0	392	0	0
5/1/1982	412	390	0	390	0	0
5/2/1982	408	421	0	421	13	26
5/3/1982	385	416	258	158	31	61
5/4/1982	462	438	272	166	0	0
5/5/1982	586	515	319	196	0	0
5/6/1982	578	511	317	194	0	0
5/7/1982	652	555	344	211	0	0
5/8/1982	654	532	330	202	0	0
5/9/1982	645	526	326	200	0	0
5/10/1982	652	522	324	198	0	0
5/11/1982	658	530	329	201	0	0
5/12/1982	635	515	319	196	0	0
5/13/1982	658	513	318	195	0	0
5/14/1982	694	526	326	200	0	0
5/15/1982	681	520	322	198	0	0
5/16/1982	668	515	319	196	0	0
5/17/1982	664	511	317	194	0	0
5/18/1982	635	417	259	158	0	0
5/19/1982	647	439	272	167	0	0
5/20/1982	660	463	287	176	0	0
5/21/1982	673	477	296	181	0	0
5/22/1982	664	482	299	183	0	0
5/23/1982	654	475	295	181	0	0
5/24/1982	652	475	295	181	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/25/1982	654	484	300	184	0	0
5/26/1982	633	507	314	193	0	0
5/27/1982	705	528	327	201	0	0
5/28/1982	712	528	327	201	0	0
5/29/1982	707	534	331	203	0	0
5/30/1982	694	509	316	193	0	0
5/31/1982	699	515	319	196	0	0
6/1/1982	681	473	0	0	0	0
6/2/1982	746	517	0	0	0	0
6/3/1982	709	540	0	0	0	0
6/4/1982	945	612	0	0	0	0
6/5/1982	960	626	0	0	0	0
6/6/1982	976	618	0	0	0	0
6/7/1982	963	610	0	0	0	0
6/8/1982	971	616	0	0	0	0
6/9/1982	974	616	0	0	0	0
6/10/1982	958	604	0	0	0	0
6/11/1982	979	588	0	0	0	0
6/12/1982	1018	610	0	0	0	0
6/13/1982	1061	586	0	0	0	0
6/14/1982	1041	578	0	0	0	0
6/15/1982	1044	557	0	0	0	0
6/16/1982	1064	562	0	0	0	0
6/17/1982	1046	566	0	0	0	0
6/18/1982	1067	620	0	0	0	0
6/19/1982	1079	639	0	0	0	0
6/20/1982	1076	655	0	0	0	0
6/21/1982	1070	655	0	0	0	0
6/22/1982	1018	655	0	0	0	0
6/23/1982	1058	624	0	0	0	0
6/24/1982	1058	618	0	0	0	0
6/25/1982	1058	622	0	0	0	0
6/26/1982	1064	632	0	0	0	0
6/27/1982	1073	639	0	0	0	0
6/28/1982	1073	632	0	0	0	0
6/29/1982	1041	622	0	0	0	0
6/30/1982	1064	635	0	0	0	0
7/1/1982	1052	632	0	0	0	0
7/2/1982	1046	630	0	0	0	0
7/3/1982	1038	620	0	0	0	0
7/4/1982	1049	632	0	0	0	0
7/5/1982	1079	643	0	0	0	0
7/6/1982	1085	643	0	0	0	0
7/7/1982	1041	639	0	0	0	0
7/8/1982	1073	643	0	0	0	0
7/9/1982	1010	610	0	0	0	0
7/10/1982	958	572	0	0	0	0
7/11/1982	947	538	0	0	0	0
7/12/1982	932	524	0	0	0	0
7/13/1982	976	522	0	0	0	0
7/14/1982	1013	538	0	0	0	0
7/15/1982	1044	543	0	0	0	0
7/16/1982	1046	541	0	0	0	0
7/17/1982	1049	543	0	0	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/18/1982	1049	602	0	0	0	0
7/19/1982	1055	551	0	0	0	0
7/20/1982	1052	541	0	0	0	0
7/21/1982	1061	592	0	0	0	0
7/22/1982	1073	594	0	0	0	0
7/23/1982	1085	602	0	0	0	0
7/24/1982	1109	608	0	0	0	0
7/25/1982	1115	616	0	0	0	0
7/26/1982	1121	624	0	0	0	0
7/27/1982	1118	622	0	0	0	0
7/28/1982	1133	635	0	0	0	0
7/29/1982	1157	650	0	0	0	0
7/30/1982	1121	632	0	0	0	0
7/31/1982	1103	646	0	0	0	0
8/1/1982	1115	643	0	0	0	0
8/2/1982	1112	641	0	0	0	0
8/3/1982	1115	474	0	0	0	0
8/4/1982	1124	641	0	0	0	0
8/5/1982	1118	630	0	0	0	0
8/6/1982	1121	626	0	0	0	0
8/7/1982	1124	626	0	0	0	0
8/8/1982	1127	624	0	0	0	0
8/9/1982	1124	620	0	0	0	0
8/10/1982	1124	618	0	0	0	0
8/11/1982	1121	614	0	0	0	0
8/12/1982	1115	612	0	0	0	0
8/13/1982	1109	610	0	0	0	0
8/14/1982	1109	608	0	0	0	0
8/15/1982	1121	612	0	0	0	0
8/16/1982	1130	614	0	0	0	0
8/17/1982	1127	614	0	0	0	0
8/18/1982	1124	612	0	0	0	0
8/19/1982	1127	620	0	0	0	0
8/20/1982	1133	622	0	0	0	0
8/21/1982	1135	627	0	0	0	0
8/22/1982	1142	630	0	0	0	0
8/23/1982	1148	635	0	0	0	0
8/24/1982	1160	630	0	0	0	0
8/25/1982	1160	632	0	0	0	0
8/26/1982	1154	632	0	0	0	0
8/27/1982	1151	630	0	0	0	0
8/28/1982	1160	635	0	0	0	0
8/29/1982	1181	646	0	0	0	0
8/30/1982	1212	666	0	0	0	0
8/31/1982	1124	639	0	0	0	0
9/1/1982	1082	616	0	0	0	0
9/2/1982	1082	618	0	0	0	0
9/3/1982	1094	624	0	0	0	0
9/4/1982	1109	630	0	0	0	0
9/5/1982	1070	604	0	0	0	0
9/6/1982	1076	604	0	0	0	0
9/7/1982	1067	610	0	0	0	0
9/8/1982	1055	606	0	0	0	0
9/9/1982	1044	608	0	0	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/10/1982	1030	600	0	0	0	0
9/11/1982	1035	602	0	0	0	0
9/12/1982	1073	600	0	0	0	0
9/13/1982	1070	609	0	0	0	0
9/14/1982	1079	605	0	0	0	0
9/15/1982	1073	614	0	0	0	0
9/16/1982	1070	610	0	0	0	0
9/17/1982	1044	566	0	0	0	0
9/18/1982	1024	549	0	0	0	0
9/19/1982	976	590	0	0	0	0
9/20/1982	1030	547	0	0	0	0
9/21/1982	1038	557	0	0	0	0
9/22/1982	1044	557	0	0	0	0
9/23/1982	1041	553	0	0	0	0
9/24/1982	1027	547	0	0	0	0
9/25/1982	1032	555	0	0	0	0
9/26/1982	1016	592	0	0	0	0
9/27/1982	1055	572	0	0	0	0
9/28/1982	1064	576	0	0	0	0
9/29/1982	1094	600	0	0	0	0
9/30/1982	1091	590	0	0	0	0
10/1/1982	0	0	0	0	0	0
10/2/1982	0	0	0	0	0	0
10/3/1982	0	0	0	0	0	0
10/4/1982	0	0	0	0	0	0
10/5/1982	0	0	0	0	0	0
10/6/1982	0	0	0	0	0	0
10/7/1982	0	0	0	0	0	0
10/8/1982	0	0	0	0	0	0
10/9/1982	0	0	0	0	0	0
10/10/1982	0	0	0	0	0	0
10/11/1982	0	0	0	0	0	0
10/12/1982	0	0	0	0	0	0
10/13/1982	0	0	0	0	0	0
10/14/1982	0	0	0	0	0	0
10/15/1982	0	0	0	0	0	0
10/16/1982	0	0	0	0	0	0
10/17/1982	0	0	0	0	0	0
10/18/1982	0	0	0	0	0	0
10/19/1982	0	0	0	0	0	0
10/20/1982	0	0	0	0	0	0
10/21/1982	0	0	0	0	0	0
10/22/1982	0	0	0	0	0	0
10/23/1982	0	0	0	0	0	0
10/24/1982	0	0	0	0	0	0
10/25/1982	0	0	0	0	0	0
10/26/1982	0	0	0	0	0	0
10/27/1982	0	0	0	0	0	0
10/28/1982	0	0	0	0	0	0
10/29/1982	0	0	0	0	0	0
10/30/1982	0	0	0	0	0	0
10/31/1982	0	0	0	0	0	0
					152	2204
					Maximum	Total

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1983	0	0	0	0	0	0
4/2/1983	0	0	0	0	0	0
4/3/1983	0	0	0	0	0	0
4/4/1983	0	0	0	0	0	0
4/5/1983	0	0	0	0	0	0
4/6/1983	0	0	0	0	0	0
4/7/1983	0	0	0	0	0	0
4/8/1983	0	0	0	0	0	0
4/9/1983	0	0	0	0	0	0
4/10/1983	0	0	0	0	0	0
4/11/1983	0	0	0	0	0	0
4/12/1983	0	0	0	0	0	0
4/13/1983	0	0	0	0	0	0
4/14/1983	0	0	0	0	0	0
4/15/1983	0	0	0	0	0	0
4/16/1983	0	0	0	0	0	0
4/17/1983	0	0	0	0	0	0
4/18/1983	150	170	105	65	20	40
4/19/1983	289	284	176	108	0	0
4/20/1983	466	275	171	105	0	0
4/21/1983	478	468	290	178	0	0
4/22/1983	478	470	291	179	0	0
4/23/1983	480	477	296	181	0	0
4/24/1983	483	484	300	184	1	2
4/25/1983	483	486	301	185	3	6
4/26/1983	481	484	300	184	3	6
4/27/1983	482	488	303	185	6	12
4/28/1983	480	484	300	184	4	8
4/29/1983	477	495	307	188	18	36
4/30/1983	550	555	344	211	5	10
5/1/1983	613	662	410	252	49	97
5/2/1983	609	662	410	252	53	105
5/3/1983	609	666	413	253	57	113
5/4/1983	623	680	422	258	57	113
5/5/1983	632	698	433	265	66	131
5/6/1983	642	694	430	264	52	103
5/7/1983	630	694	430	264	64	127
5/8/1983	635	682	423	259	47	93
5/9/1983	630	678	420	258	48	95
5/10/1983	635	687	426	261	52	103
5/11/1983	640	687	426	261	47	93
5/12/1983	637	680	422	258	43	85
5/13/1983	651	687	426	261	36	71
5/14/1983	649	682	423	259	33	65
5/15/1983	640	673	417	256	33	65
5/16/1983	647	665	412	253	18	36
5/17/1983	628	650	403	247	22	44
5/18/1983	675	673	417	256	0	0
5/19/1983	683	708	439	269	25	50
5/20/1983	743	705	437	268	0	0
5/21/1983	743	665	412	253	0	0
5/22/1983	727	659	409	250	0	0
5/23/1983	731	648	402	246	0	0
5/24/1983	611	639	396	243	28	56
5/25/1983	663	618	383	235	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1983	704	741	459	282	37	73
5/27/1983	706	639	396	243	0	0
5/28/1983	691	626	388	238	0	0
5/29/1983	748	657	407	250	0	0
5/30/1983	770	671	416	255	0	0
5/31/1983	795	705	437	268	0	0
6/1/1983	847	751	0	0	0	0
6/2/1983	862	760	0	0	0	0
6/3/1983	847	737	0	0	0	0
6/4/1983	853	737	0	0	0	0
6/5/1983	856	745	0	0	0	0
6/6/1983	862	751	0	0	0	0
6/7/1983	847	745	0	0	0	0
6/8/1983	839	733	0	0	0	0
6/9/1983	830	658	0	0	0	0
6/10/1983	817	756	0	0	0	0
6/11/1983	847	799	0	0	0	0
6/12/1983	856	816	0	0	0	0
6/13/1983	901	836	0	0	0	0
6/14/1983	868	774	0	0	0	0
6/15/1983	801	733	0	0	0	0
6/16/1983	743	698	0	0	0	0
6/17/1983	733	564	0	0	0	0
6/18/1983	788	580	0	0	0	0
6/19/1983	841	606	0	0	0	0
6/20/1983	833	602	0	0	0	0
6/21/1983	841	600	0	0	0	0
6/22/1983	839	580	0	0	0	0
6/23/1983	836	588	0	0	0	0
6/24/1983	989	606	0	0	0	0
6/25/1983	944	604	0	0	0	0
6/26/1983	938	606	0	0	0	0
6/27/1983	958	628	0	0	0	0
6/28/1983	968	639	0	0	0	0
6/29/1983	972	639	0	0	0	0
6/30/1983	806	669	0	0	0	0
7/1/1983	961	646	0	0	0	0
7/2/1983	921	639	0	0	0	0
7/3/1983	841	600	0	0	0	0
7/4/1983	888	639	0	0	0	0
7/5/1983	868	630	0	0	0	0
7/6/1983	833	496	0	0	0	0
7/7/1983	825	586	0	0	0	0
7/8/1983	785	572	0	0	0	0
7/9/1983	770	557	0	0	0	0
7/10/1983	806	572	0	0	0	0
7/11/1983	798	570	0	0	0	0
7/12/1983	801	566	0	0	0	0
7/13/1983	773	528	0	0	0	0
7/14/1983	828	522	0	0	0	0
7/15/1983	955	536	0	0	0	0
7/16/1983	1085	635	0	0	0	0
7/17/1983	1112	643	0	0	0	0
7/18/1983	1112	632	0	0	0	0
7/19/1983	1009	665	0	0	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1983	1028	659	0	0	0	0
7/21/1983	1047	646	0	0	0	0
7/22/1983	1066	657	0	0	0	0
7/23/1983	1092	665	0	0	0	0
7/24/1983	1092	671	0	0	0	0
7/25/1983	1112	688	0	0	0	0
7/26/1983	1120	668	0	0	0	0
7/27/1983	1069	646	0	0	0	0
7/28/1983	1069	635	0	0	0	0
7/29/1983	1073	679	0	0	0	0
7/30/1983	1077	641	0	0	0	0
7/31/1983	1126	673	0	0	0	0
8/1/1983	1120	657	0	0	0	0
8/2/1983	1088	652	0	0	0	0
8/3/1983	1100	662	0	0	0	0
8/4/1983	1123	671	0	0	0	0
8/5/1983	1047	639	0	0	0	0
8/6/1983	1002	628	0	0	0	0
8/7/1983	1031	632	0	0	0	0
8/8/1983	1009	628	0	0	0	0
8/9/1983	1028	641	0	0	0	0
8/10/1983	1020	632	0	0	0	0
8/11/1983	1020	622	0	0	0	0
8/12/1983	1024	626	0	0	0	0
8/13/1983	1073	650	0	0	0	0
8/14/1983	1089	652	0	0	0	0
8/15/1983	1085	650	0	0	0	0
8/16/1983	1024	632	0	0	0	0
8/17/1983	999	635	0	0	0	0
8/18/1983	985	624	0	0	0	0
8/19/1983	982	628	0	0	0	0
8/20/1983	1016	646	0	0	0	0
8/21/1983	1077	662	0	0	0	0
8/22/1983	1069	684	0	0	0	0
8/23/1983	1009	678	0	0	0	0
8/24/1983	985	666	0	0	0	0
8/25/1983	972	650	0	0	0	0
8/26/1983	985	662	0	0	0	0
8/27/1983	985	671	0	0	0	0
8/28/1983	985	643	0	0	0	0
8/29/1983	968	639	0	0	0	0
8/30/1983	958	632	0	0	0	0
8/31/1983	917	590	0	0	0	0
9/1/1983	955	584	0	0	0	0
9/2/1983	955	584	0	0	0	0
9/3/1983	951	578	0	0	0	0
9/4/1983	958	572	0	0	0	0
9/5/1983	951	586	0	0	0	0
9/6/1983	978	592	0	0	0	0
9/7/1983	1002	586	0	0	0	0
9/8/1983	992	586	0	0	0	0
9/9/1983	982	576	0	0	0	0
9/10/1983	999	552	0	0	0	0
9/11/1983	1006	590	0	0	0	0
9/12/1983	1020	598	0	0	0	0

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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1983	1039	520	0	0	0	0
9/14/1983	894	553	0	0	0	0
9/15/1983	853	538	0	0	0	0
9/16/1983	850	541	0	0	0	0
9/17/1983	859	541	0	0	0	0
9/18/1983	865	545	0	0	0	0
9/19/1983	853	545	0	0	0	0
9/20/1983	884	564	0	0	0	0
9/21/1983	921	572	0	0	0	0
9/22/1983	924	570	0	0	0	0
9/23/1983	934	570	0	0	0	0
9/24/1983	931	564	0	0	0	0
9/25/1983	924	550	0	0	0	0
9/26/1983	972	558	0	0	0	0
9/27/1983	958	578	0	0	0	0
9/28/1983	965	578	0	0	0	0
9/29/1983	992	562	0	0	0	0
9/30/1983	1009	652	0	0	0	0
10/1/1983	910	608	0	0	0	0
10/2/1983	0	0	0	0	0	0
10/3/1983	898	576	0	0	0	0
10/4/1983	898	580	0	0	0	0
10/5/1983	924	596	0	0	0	0
10/6/1983	927	586	0	0	0	0
10/7/1983	898	578	0	0	0	0
10/8/1983	0	0	0	0	0	0
10/9/1983	0	0	0	0	0	0
10/10/1983	904	530	0	0	0	0
10/11/1983	0	0	0	0	0	0
10/12/1983	0	0	0	0	0	0
10/13/1983	0	0	0	0	0	0
10/14/1983	0	0	0	0	0	0
10/15/1983	0	0	0	0	0	0
10/16/1983	0	0	0	0	0	0
10/17/1983	0	0	0	0	0	0
10/18/1983	0	0	0	0	0	0
10/19/1983	0	0	0	0	0	0
10/20/1983	0	0	0	0	0	0
10/21/1983	0	0	0	0	0	0
10/22/1983	0	0	0	0	0	0
10/23/1983	0	0	0	0	0	0
10/24/1983	0	0	0	0	0	0
10/25/1983	0	0	0	0	0	0
10/26/1983	0	0	0	0	0	0
10/27/1983	0	0	0	0	0	0
10/28/1983	0	0	0	0	0	0
10/29/1983	0	0	0	0	0	0
10/30/1983	0	0	0	0	0	0
10/31/1983	0	0	0	0	0	0
					66	1839
					Maximum	Total

IWRB00003502

Calculations for Shoshone Site Flow
1984
Brockway Engineering, PLLC
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1984	0	0	0	0	0	0
4/2/1984	0	0	0	0	0	0
4/3/1984	0	0	0	0	0	0
4/4/1984	0	0	0	0	0	0
4/5/1984	0	0	0	0	0	0
4/6/1984	0	0	0	0	0	0
4/7/1984	0	0	0	0	0	0
4/8/1984	0	0	0	0	0	0
4/9/1984	0	0	0	0	0	0
4/10/1984	106	0	0	0	0	0
4/11/1984	128	0	0	0	0	0
4/12/1984	205	205	127	78	0	0
4/13/1984	202	201	84	117	0	0
4/14/1984	194	353	148	205	159	315
4/15/1984	222	438	184	254	216	428
4/16/1984	222	507	213	294	285	565
4/17/1984	222	517	217	300	295	585
4/18/1984	521	545	229	316	24	48
4/19/1984	540	560	235	325	20	40
4/20/1984	552	584	245	339	32	63
4/21/1984	572	568	239	329	0	0
4/22/1984	560	560	235	325	0	0
4/23/1984	536	543	228	315	7	14
4/24/1984	542	549	231	318	7	14
4/25/1984	546	540	227	313	0	0
4/26/1984	574	582	244	338	8	16
4/27/1984	572	576	242	334	4	8
4/28/1984	567	572	240	332	5	10
4/29/1984	564	568	239	329	4	8
4/30/1984	568	574	241	333	6	12
5/1/1984	825	643	399	244	0	0
5/2/1984	825	694	430	264	0	0
5/3/1984	825	610	378	232	0	0
5/4/1984	850	655	406	249	0	0
5/5/1984	836	650	403	247	0	0
5/6/1984	833	632	392	240	0	0
5/7/1984	830	627	389	238	0	0
5/8/1984	844	568	352	216	0	0
5/9/1984	839	558	346	212	0	0
5/10/1984	820	572	355	217	0	0
5/11/1984	1016	627	389	238	0	0
5/12/1984	1123	562	348	214	0	0
5/13/1984	1085	620	384	236	0	0
5/14/1984	1069	665	412	253	0	0
5/15/1984	1069	684	424	260	0	0
5/16/1984	1062	666	413	253	0	0
5/17/1984	847	590	366	224	0	0
5/18/1984	847	566	351	215	0	0
5/19/1984	739	555	344	211	0	0
5/20/1984	729	538	334	204	0	0
5/21/1984	724	493	306	187	0	0
5/22/1984	711	536	332	204	0	0
5/23/1984	706	524	325	199	0	0
5/24/1984	697	572	355	217	0	0
5/25/1984	790	562	348	214	0	0
5/26/1984	803	500	310	190	0	0

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Calculations for Shoshone Site Flow
1984
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/27/1984	776	500	310	190	0	0
5/28/1984	667	489	303	186	0	0
5/29/1984	958	555	344	211	0	0
5/30/1984	1139	618	383	235	0	0
5/31/1984	1187	598	371	227	0	0
6/1/1984	1159	614	0	0	0	0
6/2/1984	1131	639	0	0	0	0
6/3/1984	1126	618	0	0	0	0
6/4/1984	1159	618	0	0	0	0
6/5/1984	1191	641	0	0	0	0
6/6/1984	1227	671	0	0	0	0
6/7/1984	1236	701	0	0	0	0
6/8/1984	1108	673	0	0	0	0
6/9/1984	881	608	0	0	0	0
6/10/1984	894	608	0	0	0	0
6/11/1984	904	637	0	0	0	0
6/12/1984	907	655	0	0	0	0
6/13/1984	773	665	0	0	0	0
6/14/1984	801	618	0	0	0	0
6/15/1984	780	600	0	0	0	0
6/16/1984	724	564	0	0	0	0
6/17/1984	711	560	0	0	0	0
6/18/1984	706	606	0	0	0	0
6/19/1984	891	610	0	0	0	0
6/20/1984	910	600	0	0	0	0
6/21/1984	898	604	0	0	0	0
6/22/1984	898	582	0	0	0	0
6/23/1984	878	558	0	0	0	0
6/24/1984	944	574	0	0	0	0
6/25/1984	955	534	0	0	0	0
6/26/1984	921	534	0	0	0	0
6/27/1984	921	534	0	0	0	0
6/28/1984	1062	570	0	0	0	0
6/29/1984	1116	594	0	0	0	0
6/30/1984	1085	582	0	0	0	0
7/1/1984	1100	588	0	0	0	0
7/2/1984	1116	588	0	0	0	0
7/3/1984	1085	570	0	0	0	0
7/4/1984	1088	558	0	0	0	0
7/5/1984	1100	549	0	0	0	0
7/6/1984	1031	572	0	0	0	0
7/7/1984	1062	586	0	0	0	0
7/8/1984	1058	588	0	0	0	0
7/9/1984	1054	582	0	0	0	0
7/10/1984	1054	598	0	0	0	0
7/11/1984	1054	594	0	0	0	0
7/12/1984	1054	578	0	0	0	0
7/13/1984	1058	604	0	0	0	0
7/14/1984	1042	596	0	0	0	0
7/15/1984	1043	600	0	0	0	0
7/16/1984	1035	596	0	0	0	0
7/17/1984	1016	584	0	0	0	0
7/18/1984	1009	580	0	0	0	0
7/19/1984	1002	580	0	0	0	0
7/20/1984	1035	580	0	0	0	0
7/21/1984	1050	596	0	0	0	0

IWRB00003504

Calculations for Shoshone Site Flow
1984
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/22/1984	1088	612	0	0	0	0
7/23/1984	1108	620	0	0	0	0
7/24/1984	1062	608	0	0	0	0
7/25/1984	1043	600	0	0	0	0
7/26/1984	1043	600	0	0	0	0
7/27/1984	1047	606	0	0	0	0
7/28/1984	1043	620	0	0	0	0
7/29/1984	1050	628	0	0	0	0
7/30/1984	1050	618	0	0	0	0
7/31/1984	1028	610	0	0	0	0
8/1/1984	1035	598	0	0	0	0
8/2/1984	1035	586	0	0	0	0
8/3/1984	1035	582	0	0	0	0
8/4/1984	1035	582	0	0	0	0
8/5/1984	1043	582	0	0	0	0
8/6/1984	1058	584	0	0	0	0
8/7/1984	1050	579	0	0	0	0
8/8/1984	965	541	0	0	0	0
8/9/1984	944	541	0	0	0	0
8/10/1984	934	545	0	0	0	0
8/11/1984	917	545	0	0	0	0
8/12/1984	910	543	0	0	0	0
8/13/1984	920	545	0	0	0	0
8/14/1984	924	549	0	0	0	0
8/15/1984	941	568	0	0	0	0
8/16/1984	951	582	0	0	0	0
8/17/1984	1047	582	0	0	0	0
8/18/1984	985	574	0	0	0	0
8/19/1984	982	568	0	0	0	0
8/20/1984	985	572	0	0	0	0
8/21/1984	1039	590	0	0	0	0
8/22/1984	1050	590	0	0	0	0
8/23/1984	1058	592	0	0	0	0
8/24/1984	1066	596	0	0	0	0
8/25/1984	1066	600	0	0	0	0
8/26/1984	1077	604	0	0	0	0
8/27/1984	1104	608	0	0	0	0
8/28/1984	1092	600	0	0	0	0
8/29/1984	1081	592	0	0	0	0
8/30/1984	1062	600	0	0	0	0
8/31/1984	1081	610	0	0	0	0
9/1/1984	1088	608	0	0	0	0
9/2/1984	1100	614	0	0	0	0
9/3/1984	1126	628	0	0	0	0
9/4/1984	1123	628	0	0	0	0
9/5/1984	1009	596	0	0	0	0
9/6/1984	891	549	0	0	0	0
9/7/1984	878	522	0	0	0	0
9/8/1984	978	586	0	0	0	0
9/9/1984	1020	604	0	0	0	0
9/10/1984	1028	604	0	0	0	0
9/11/1984	1031	592	0	0	0	0
9/12/1984	904	568	0	0	0	0
9/13/1984	924	576	0	0	0	0
9/14/1984	940	580	0	0	0	0
9/15/1984	917	588	0	0	0	0

IWRB00003505

Calculations for Shoshone Site Flow
1984
Brockway Engineering, PLLC
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/16/1984	825	588	0	0	0	0
9/17/1984	788	600	0	0	0	0
9/18/1984	783	553	0	0	0	0
9/19/1984	801	538	0	0	0	0
9/20/1984	828	530	0	0	0	0
9/21/1984	865	517	0	0	0	0
9/22/1984	878	545	0	0	0	0
9/23/1984	809	549	0	0	0	0
9/24/1984	788	590	0	0	0	0
9/25/1984	795	557	0	0	0	0
9/26/1984	801	557	0	0	0	0
9/27/1984	798	555	0	0	0	0
9/28/1984	798	555	0	0	0	0
9/29/1984	798	558	0	0	0	0
9/30/1984	798	558	0	0	0	0
10/1/1984	0	0	0	0	0	0
10/2/1984	0	0	0	0	0	0
10/3/1984	0	0	0	0	0	0
10/4/1984	0	0	0	0	0	0
10/5/1984	0	0	0	0	0	0
10/6/1984	0	0	0	0	0	0
10/7/1984	0	0	0	0	0	0
10/8/1984	0	0	0	0	0	0
10/9/1984	0	0	0	0	0	0
10/10/1984	0	0	0	0	0	0
10/11/1984	0	0	0	0	0	0
10/12/1984	0	0	0	0	0	0
10/13/1984	0	0	0	0	0	0
10/14/1984	0	0	0	0	0	0
10/15/1984	0	0	0	0	0	0
10/16/1984	0	0	0	0	0	0
10/17/1984	0	0	0	0	0	0
10/18/1984	0	0	0	0	0	0
10/19/1984	0	0	0	0	0	0
10/20/1984	0	0	0	0	0	0
10/21/1984	0	0	0	0	0	0
10/22/1984	0	0	0	0	0	0
10/23/1984	0	0	0	0	0	0
10/24/1984	0	0	0	0	0	0
10/25/1984	0	0	0	0	0	0
10/26/1984	0	0	0	0	0	0
10/27/1984	0	0	0	0	0	0
10/28/1984	0	0	0	0	0	0
10/29/1984	0	0	0	0	0	0
10/30/1984	0	0	0	0	0	0
10/31/1984	0	0	0	0	0	0
					295	2126
					Maximum	Total

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Calculations for Shoshone Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1985	0	0	0	0	0	0
4/2/1985	0	0	0	0	0	0
4/3/1985	0	0	0	0	0	0
4/4/1985	0	0	0	0	0	0
4/5/1985	0	0	0	0	0	0
4/6/1985	0	0	0	0	0	0
4/7/1985	0	0	0	0	0	0
4/8/1985	0	0	0	0	0	0
4/9/1985	0	0	0	0	0	0
4/10/1985	0	0	0	0	0	0
4/11/1985	0	0	0	0	0	0
4/12/1985	0	0	0	0	0	0
4/13/1985	0	0	0	0	0	0
4/14/1985	0	0	0	0	0	0
4/15/1985	0	232	144	88	232	460
4/16/1985	442	627	389	238	185	367
4/17/1985	455	652	404	248	197	391
4/18/1985	473	550	341	209	77	153
4/19/1985	628	589	365	224	0	0
4/20/1985	644	611	379	232	0	0
4/21/1985	657	627	389	238	0	0
4/22/1985	663	648	402	246	0	0
4/23/1985	652	640	397	243	0	0
4/24/1985	668	652	404	248	0	0
4/25/1985	668	602	373	229	0	0
4/26/1985	632	568	352	216	0	0
4/27/1985	621	521	323	198	0	0
4/28/1985	614	503	312	191	0	0
4/29/1985	603	499	309	190	0	0
4/30/1985	598	555	344	211	0	0
5/1/1985	613	543	337	206	0	0
5/2/1985	649	523	324	199	0	0
5/3/1985	635	512	317	195	0	0
5/4/1985	693	512	317	195	0	0
5/5/1985	755	534	331	203	0	0
5/6/1985	758	541	335	206	0	0
5/7/1985	713	507	314	193	0	0
5/8/1985	768	534	331	203	0	0
5/9/1985	891	530	329	201	0	0
5/10/1985	910	555	344	211	0	0
5/11/1985	904	570	353	217	0	0
5/12/1985	934	577	358	219	0	0
5/13/1985	944	582	361	221	0	0
5/14/1985	938	584	362	222	0	0
5/15/1985	965	591	366	225	0	0
5/16/1985	1002	640	397	243	0	0
5/17/1985	995	642	398	244	0	0
5/18/1985	972	631	391	240	0	0
5/19/1985	965	629	390	239	0	0
5/20/1985	965	631	391	240	0	0
5/21/1985	958	631	391	240	0	0
5/22/1985	938	615	381	234	0	0
5/23/1985	914	604	374	230	0	0
5/24/1985	898	602	373	229	0	0
5/25/1985	978	593	368	225	0	0

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Calculations for Shoshone Site Flow
1985
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1985	1043	633	392	241	0	0
5/27/1985	1058	648	402	246	0	0
5/28/1985	1043	620	384	236	0	0
5/29/1985	1010	591	366	225	0	0
5/30/1985	1043	613	380	233	0	0
5/31/1985	1043	620	384	236	0	0
6/1/1985	1058	633	0	0	0	0
6/2/1985	1081	650	0	0	0	0
6/3/1985	1116	648	0	0	0	0
6/4/1985	1112	638	0	0	0	0
6/5/1985	1096	631	0	0	0	0
6/6/1985	1081	631	0	0	0	0
6/7/1985	1073	627	0	0	0	0
6/8/1985	1077	627	0	0	0	0
6/9/1985	1058	634	0	0	0	0
6/10/1985	1073	640	0	0	0	0
6/11/1985	1081	636	0	0	0	0
6/12/1985	1081	627	0	0	0	0
6/13/1985	1058	625	0	0	0	0
6/14/1985	1077	625	0	0	0	0
6/15/1985	1085	633	0	0	0	0
6/16/1985	1088	633	0	0	0	0
6/17/1985	1092	629	0	0	0	0
6/18/1985	1088	620	0	0	0	0
6/19/1985	1073	613	0	0	0	0
6/20/1985	1050	606	0	0	0	0
6/21/1985	1020	597	0	0	0	0
6/22/1985	1035	595	0	0	0	0
6/23/1985	1028	591	0	0	0	0
6/24/1985	972	597	0	0	0	0
6/25/1985	1073	640	0	0	0	0
6/26/1985	1136	650	0	0	0	0
6/27/1985	1151	652	0	0	0	0
6/28/1985	1112	631	0	0	0	0
6/29/1985	1066	618	0	0	0	0
6/30/1985	1066	609	0	0	0	0
7/1/1985	1035	600	0	0	0	0
7/2/1985	1043	591	0	0	0	0
7/3/1985	1035	582	0	0	0	0
7/4/1985	1012	616	0	0	0	0
7/5/1985	992	606	0	0	0	0
7/6/1985	985	600	0	0	0	0
7/7/1985	1009	613	0	0	0	0
7/8/1985	1050	609	0	0	0	0
7/9/1985	1028	606	0	0	0	0
7/10/1985	1028	606	0	0	0	0
7/11/1985	1039	570	0	0	0	0
7/12/1985	1050	580	0	0	0	0
7/13/1985	1047	582	0	0	0	0
7/14/1985	1054	582	0	0	0	0
7/15/1985	1066	584	0	0	0	0
7/16/1985	1069	580	0	0	0	0
7/17/1985	1073	579	0	0	0	0
7/18/1985	1081	582	0	0	0	0
7/19/1985	1092	588	0	0	0	0

Calculations for Shoshone Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1985	1096	589	0	0	0	0
7/21/1985	1104	595	0	0	0	0
7/22/1985	1123	609	0	0	0	0
7/23/1985	1126	613	0	0	0	0
7/24/1985	1155	622	0	0	0	0
7/25/1985	1154	593	0	0	0	0
7/26/1985	1058	571	0	0	0	0
7/27/1985	1028	568	0	0	0	0
7/28/1985	1012	564	0	0	0	0
7/29/1985	1020	570	0	0	0	0
7/30/1985	1028	600	0	0	0	0
7/31/1985	1077	600	0	0	0	0
8/1/1985	1066	588	0	0	0	0
8/2/1985	985	548	0	0	0	0
8/3/1985	931	525	0	0	0	0
8/4/1985	931	523	0	0	0	0
8/5/1985	931	523	0	0	0	0
8/6/1985	884	516	0	0	0	0
8/7/1985	856	507	0	0	0	0
8/8/1985	931	532	0	0	0	0
8/9/1985	972	532	0	0	0	0
8/10/1985	999	539	0	0	0	0
8/11/1985	992	532	0	0	0	0
8/12/1985	1006	539	0	0	0	0
8/13/1985	995	534	0	0	0	0
8/14/1985	982	528	0	0	0	0
8/15/1985	985	528	0	0	0	0
8/16/1985	1043	546	0	0	0	0
8/17/1985	1062	553	0	0	0	0
8/18/1985	1085	561	0	0	0	0
8/19/1985	1092	544	0	0	0	0
8/20/1985	1066	553	0	0	0	0
8/21/1985	1066	552	0	0	0	0
8/22/1985	1058	548	0	0	0	0
8/23/1985	1062	552	0	0	0	0
8/24/1985	1062	552	0	0	0	0
8/25/1985	1069	552	0	0	0	0
8/26/1985	1073	552	0	0	0	0
8/27/1985	1077	557	0	0	0	0
8/28/1985	1077	556	0	0	0	0
8/29/1985	1081	552	0	0	0	0
8/30/1985	1096	555	0	0	0	0
8/31/1985	1096	559	0	0	0	0
9/1/1985	1039	539	0	0	0	0
9/2/1985	1043	546	0	0	0	0
9/3/1985	1047	550	0	0	0	0
9/4/1985	1054	553	0	0	0	0
9/5/1985	982	530	0	0	0	0
9/6/1985	989	532	0	0	0	0
9/7/1985	1006	546	0	0	0	0
9/8/1985	1043	566	0	0	0	0
9/9/1985	1096	588	0	0	0	0
9/10/1985	985	541	0	0	0	0
9/11/1985	871	510	0	0	0	0
9/12/1985	844	498	0	0	0	0

IWRB00003509

Calculations for Shoshone Site Flow
1985
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1985	844	486	0	0	0	0
9/14/1985	850	457	0	0	0	0
9/15/1985	856	453	0	0	0	0
9/16/1985	853	453	0	0	0	0
9/17/1985	853	455	0	0	0	0
9/18/1985	763	424	0	0	0	0
9/19/1985	720	410	0	0	0	0
9/20/1985	728	410	0	0	0	0
9/21/1985	733	413	0	0	0	0
9/22/1985	738	413	0	0	0	0
9/23/1985	743	415	0	0	0	0
9/24/1985	743	416	0	0	0	0
9/25/1985	668	388	0	0	0	0
9/26/1985	649	394	0	0	0	0
9/27/1985	645	400	0	0	0	0
9/28/1985	640	394	0	0	0	0
9/29/1985	625	406	0	0	0	0
9/30/1985	666	431	0	0	0	0
10/1/1985	0	0	0	0	0	0
10/2/1985	0	0	0	0	0	0
10/3/1985	0	0	0	0	0	0
10/4/1985	0	0	0	0	0	0
10/5/1985	0	0	0	0	0	0
10/6/1985	0	0	0	0	0	0
10/7/1985	0	0	0	0	0	0
10/8/1985	0	0	0	0	0	0
10/9/1985	0	0	0	0	0	0
10/10/1985	0	0	0	0	0	0
10/11/1985	0	0	0	0	0	0
10/12/1985	0	0	0	0	0	0
10/13/1985	0	0	0	0	0	0
10/14/1985	0	0	0	0	0	0
10/15/1985	0	0	0	0	0	0
10/16/1985	0	0	0	0	0	0
10/17/1985	0	0	0	0	0	0
10/18/1985	0	0	0	0	0	0
10/19/1985	0	0	0	0	0	0
10/20/1985	0	0	0	0	0	0
10/21/1985	0	0	0	0	0	0
10/22/1985	0	0	0	0	0	0
10/23/1985	0	0	0	0	0	0
10/24/1985	0	0	0	0	0	0
10/25/1985	0	0	0	0	0	0
10/26/1985	0	0	0	0	0	0
10/27/1985	0	0	0	0	0	0
10/28/1985	0	0	0	0	0	0
10/29/1985	0	0	0	0	0	0
10/30/1985	0	0	0	0	0	0
10/31/1985	0	0	0	0	0	0
					232	1371
					Maximum	Total

IWRB00003510

Calculations for Shoshone Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1986	92	105	0	105	13	26
4/2/1986	185	162	0	162	0	0
4/3/1986	277	239	0	239	0	0
4/4/1986	370	244	0	244	0	0
4/5/1986	371	259	0	259	0	0
4/6/1986	371	250	0	250	0	0
4/7/1986	371	250	252	0	0	0
4/8/1986	424	355	260	95	0	0
4/9/1986	458	448	260	188	0	0
4/10/1986	472	455	265	190	0	0
4/11/1986	475	457	265	192	0	0
4/12/1986	474	466	261	205	0	0
4/13/1986	476	470	270	200	0	0
4/14/1986	487	478	275	203	0	0
4/15/1986	486	464	252	212	0	0
4/16/1986	468	444	239	205	0	0
4/17/1986	575	602	223	379	27	54
4/18/1986	625	624	310	314	0	0
4/19/1986	621	630	342	288	9	18
4/20/1986	619	636	342	294	17	34
4/21/1986	607	620	342	278	13	26
4/22/1986	591	614	350	264	23	46
4/23/1986	563	584	360	224	21	42
4/24/1986	575	594	396	198	19	38
4/25/1986	569	586	394	192	17	34
4/26/1986	664	670	340	330	6	12
4/27/1986	696	650	403	247	0	0
4/28/1986	684	644	466	178	0	0
4/29/1986	680	626	465	161	0	0
4/30/1986	643	610	459	151	0	0
5/1/1986	637	592	454	138	0	0
5/2/1986	621	578	452	126	0	0
5/3/1986	680	570	454	116	0	0
5/4/1986	694	570	461	109	0	0
5/5/1986	723	596	490	106	0	0
5/6/1986	742	626	521	105	0	0
5/7/1986	761	670	565	105	0	0
5/8/1986	764	638	544	94	0	0
5/9/1986	754	628	540	88	0	0
5/10/1986	744	620	538	82	0	0
5/11/1986	748	624	545	79	0	0
5/12/1986	737	618	543	75	0	0
5/13/1986	704	590	521	69	0	0
5/14/1986	688	586	519	67	0	0
5/15/1986	854	638	567	71	0	0
5/16/1986	864	616	548	68	0	0
5/17/1986	849	590	525	65	0	0
5/18/1986	844	564	502	62	0	0
5/19/1986	851	542	482	60	0	0
5/20/1986	943	582	518	64	0	0
5/21/1986	1042	562	500	62	0	0
5/22/1986	1134	616	548	68	0	0
5/23/1986	1190	624	555	69	0	0
5/24/1986	1034	598	532	66	0	0
5/25/1986	955	592	527	65	0	0

IWRB00003511

Calculations for Shoshone Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1986	949	592	527	65	0	0
5/27/1986	916	564	502	62	0	0
5/28/1986	901	548	488	60	0	0
5/29/1986	1006	596	530	66	0	0
5/30/1986	1006	682	607	75	0	0
5/31/1986	998	644	573	71	0	0
6/1/1986	994	626	0	0	0	0
6/2/1986	974	622	0	0	0	0
6/3/1986	943	590	0	0	0	0
6/4/1986	937	606	0	0	0	0
6/5/1986	982	618	0	0	0	0
6/6/1986	1006	612	0	0	0	0
6/7/1986	1038	618	0	0	0	0
6/8/1986	1102	622	0	0	0	0
6/9/1986	1098	598	0	0	0	0
6/10/1986	1134	612	0	0	0	0
6/11/1986	1126	602	0	0	0	0
6/12/1986	1118	586	0	0	0	0
6/13/1986	1086	586	0	0	0	0
6/14/1986	1102	610	0	0	0	0
6/15/1986	1086	614	0	0	0	0
6/16/1986	1094	618	0	0	0	0
6/17/1986	1078	618	0	0	0	0
6/18/1986	1070	608	0	0	0	0
6/19/1986	1054	598	0	0	0	0
6/20/1986	1062	590	0	0	0	0
6/21/1986	1062	584	0	0	0	0
6/22/1986	1062	574	0	0	0	0
6/23/1986	1062	566	0	0	0	0
6/24/1986	1106	506	0	0	0	0
6/25/1986	1126	602	0	0	0	0
6/26/1986	1114	604	0	0	0	0
6/27/1986	1138	606	0	0	0	0
6/28/1986	1138	598	0	0	0	0
6/29/1986	1130	590	0	0	0	0
6/30/1986	1110	578	0	0	0	0
7/1/1986	1106	608	0	0	0	0
7/2/1986	1090	608	0	0	0	0
7/3/1986	1090	628	0	0	0	0
7/4/1986	1114	636	0	0	0	0
7/5/1986	1178	640	0	0	0	0
7/6/1986	1182	620	0	0	0	0
7/7/1986	1170	616	0	0	0	0
7/8/1986	1162	630	0	0	0	0
7/9/1986	1154	640	0	0	0	0
7/10/1986	1114	640	0	0	0	0
7/11/1986	1098	644	0	0	0	0
7/12/1986	1126	648	0	0	0	0
7/13/1986	1146	652	0	0	0	0
7/14/1986	1146	646	0	0	0	0
7/15/1986	1122	632	0	0	0	0
7/16/1986	1102	624	0	0	0	0
7/17/1986	1130	628	0	0	0	0
7/18/1986	1142	634	0	0	0	0
7/19/1986	1134	628	0	0	0	0

IWRB00003512

Calculations for Shoshone Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1986	1150	628	0	0	0	0
7/21/1986	1142	626	0	0	0	0
7/22/1986	1110	620	0	0	0	0
7/23/1986	1109	498	0	0	0	0
7/24/1986	1178	694	0	0	0	0
7/25/1986	1202	622	0	0	0	0
7/26/1986	1226	630	0	0	0	0
7/27/1986	1234	636	0	0	0	0
7/28/1986	1238	634	0	0	0	0
7/29/1986	1246	632	0	0	0	0
7/30/1986	1154	608	0	0	0	0
7/31/1986	1162	612	0	0	0	0
8/1/1986	1166	600	0	0	0	0
8/2/1986	1150	596	0	0	0	0
8/3/1986	1158	600	0	0	0	0
8/4/1986	1154	600	0	0	0	0
8/5/1986	1038	560	0	0	0	0
8/6/1986	990	538	0	0	0	0
8/7/1986	964	530	0	0	0	0
8/8/1986	976	530	0	0	0	0
8/9/1986	982	530	0	0	0	0
8/10/1986	986	534	0	0	0	0
8/11/1986	978	538	0	0	0	0
8/12/1986	967	532	0	0	0	0
8/13/1986	1022	550	0	0	0	0
8/14/1986	1078	568	0	0	0	0
8/15/1986	1070	566	0	0	0	0
8/16/1986	1066	570	0	0	0	0
8/17/1986	1102	560	0	0	0	0
8/18/1986	1114	578	0	0	0	0
8/19/1986	1102	572	0	0	0	0
8/20/1986	1094	570	0	0	0	0
8/21/1986	1102	568	0	0	0	0
8/22/1986	1110	574	0	0	0	0
8/23/1986	1126	580	0	0	0	0
8/24/1986	1142	584	0	0	0	0
8/25/1986	1138	582	0	0	0	0
8/26/1986	1142	588	0	0	0	0
8/27/1986	1070	566	0	0	0	0
8/28/1986	1054	554	0	0	0	0
8/29/1986	1034	554	0	0	0	0
8/30/1986	1046	560	0	0	0	0
8/31/1986	1054	566	0	0	0	0
9/1/1986	1078	574	0	0	0	0
9/2/1986	1086	582	0	0	0	0
9/3/1986	1102	584	0	0	0	0
9/4/1986	1114	582	0	0	0	0
9/5/1986	1110	584	0	0	0	0
9/6/1986	1038	566	0	0	0	0
9/7/1986	998	552	0	0	0	0
9/8/1986	1022	554	0	0	0	0
9/9/1986	1050	568	0	0	0	0
9/10/1986	1054	514	0	0	0	0
9/11/1986	1058	576	0	0	0	0
9/12/1986	1066	580	0	0	0	0

IWRB00003513

Calculations for Shoshone Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1986	946	548	0	0	0	0
9/14/1986	943	550	0	0	0	0
9/15/1986	952	562	0	0	0	0
9/16/1986	974	604	0	0	0	0
9/17/1986	986	634	0	0	0	0
9/18/1986	877	620	0	0	0	0
9/19/1986	841	612	0	0	0	0
9/20/1986	862	604	0	0	0	0
9/21/1986	862	604	0	0	0	0
9/22/1986	820	602	0	0	0	0
9/23/1986	752	544	0	0	0	0
9/24/1986	725	532	0	0	0	0
9/25/1986	742	536	0	0	0	0
9/26/1986	756	572	0	0	0	0
9/27/1986	773	600	0	0	0	0
9/28/1986	783	608	0	0	0	0
9/29/1986	788	616	0	0	0	0
9/30/1986	800	626	0	0	0	0
10/1/1986	0	0	0	0	0	0
10/2/1986	0	0	0	0	0	0
10/3/1986	0	0	0	0	0	0
10/4/1986	0	0	0	0	0	0
10/5/1986	0	0	0	0	0	0
10/6/1986	0	0	0	0	0	0
10/7/1986	0	0	0	0	0	0
10/8/1986	0	0	0	0	0	0
10/9/1986	0	0	0	0	0	0
10/10/1986	0	0	0	0	0	0
10/11/1986	0	0	0	0	0	0
10/12/1986	0	0	0	0	0	0
10/13/1986	0	0	0	0	0	0
10/14/1986	0	0	0	0	0	0
10/15/1986	0	0	0	0	0	0
10/16/1986	0	0	0	0	0	0
10/17/1986	0	0	0	0	0	0
10/18/1986	0	0	0	0	0	0
10/19/1986	0	0	0	0	0	0
10/20/1986	0	0	0	0	0	0
10/21/1986	0	0	0	0	0	0
10/22/1986	0	0	0	0	0	0
10/23/1986	0	0	0	0	0	0
10/24/1986	0	0	0	0	0	0
10/25/1986	0	0	0	0	0	0
10/26/1986	0	0	0	0	0	0
10/27/1986	0	0	0	0	0	0
10/28/1986	0	0	0	0	0	0
10/29/1986	0	0	0	0	0	0
10/30/1986	0	0	0	0	0	0
10/31/1986	0	0	0	0	0	0
11/1/1986	0	0	0	0	0	0
11/2/1986	0	0	0	0	0	0
11/3/1986	0	0	0	0	0	0
11/4/1986	0	0	0	0	0	0
11/5/1986	0	0	0	0	0	0
11/6/1986	0	0	0	0	0	0

Calculations for Shoshone Site Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
11/7/1986	0	0	0	0	0	0
					27	327
					Maximum	Total

IWRB00003515

Calculations for Shoshone Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1987	0	0	0	0	0	0
4/2/1987	0	0	0	0	0	0
4/3/1987	0	0	0	0	0	0
4/4/1987	50	50	0	50	0	0
4/5/1987	60	49	0	49	0	0
4/6/1987	300	243	151	92	0	0
4/7/1987	378	178	110	68	0	0
4/8/1987	365	279	173	106	0	0
4/9/1987	451	283	175	108	0	0
4/10/1987	467	297	184	113	0	0
4/11/1987	522	295	183	112	0	0
4/12/1987	529	297	184	113	0	0
4/13/1987	528	295	183	112	0	0
4/14/1987	533	297	184	113	0	0
4/15/1987	654	350	217	133	0	0
4/16/1987	687	360	223	137	0	0
4/17/1987	740	386	239	147	0	0
4/18/1987	1003	532	330	202	0	0
4/19/1987	928	556	345	211	0	0
4/20/1987	977	546	339	207	0	0
4/21/1987	972	542	336	206	0	0
4/22/1987	949	529	328	201	0	0
4/23/1987	899	552	342	210	0	0
4/24/1987	887	535	332	203	0	0
4/25/1987	853	497	308	189	0	0
4/26/1987	917	541	335	206	0	0
4/27/1987	936	541	335	206	0	0
4/28/1987	915	529	328	201	0	0
4/29/1987	915	531	329	202	0	0
4/30/1987	917	539	334	205	0	0
5/1/1987	938	599	371	228	0	0
5/2/1987	1003	633	392	241	0	0
5/3/1987	1035	651	404	247	0	0
5/4/1987	1035	657	407	250	0	0
5/5/1987	1016	646	401	245	0	0
5/6/1987	959	603	374	229	0	0
5/7/1987	930	591	366	225	0	0
5/8/1987	910	583	361	222	0	0
5/9/1987	899	565	350	215	0	0
5/10/1987	892	565	350	215	0	0
5/11/1987	880	562	348	214	0	0
5/12/1987	846	541	335	206	0	0
5/13/1987	897	573	355	218	0	0
5/14/1987	925	585	363	222	0	0
5/15/1987	933	589	365	224	0	0
5/16/1987	930	585	363	222	0	0
5/17/1987	951	611	379	232	0	0
5/18/1987	967	631	391	240	0	0
5/19/1987	959	622	386	236	0	0
5/20/1987	938	609	378	231	0	0
5/21/1987	884	581	360	221	0	0
5/22/1987	851	575	357	219	0	0
5/23/1987	851	571	354	217	0	0
5/24/1987	846	565	350	215	0	0
5/25/1987	858	573	355	218	0	0
5/26/1987	875	589	365	224	0	0
5/27/1987	875	571	354	217	0	0
5/28/1987	899	571	354	217	0	0
5/29/1987	892	562	348	214	0	0

IWRB00003516

Calculations for Shoshone Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/30/1987	899	552	342	210	0	0
5/31/1987	894	548	340	208	0	0
6/1/1987	892	544	0	0	0	0
6/2/1987	882	535	0	0	0	0
6/3/1987	884	533	0	0	0	0
6/4/1987	894	533	0	0	0	0
6/5/1987	959	567	0	0	0	0
6/6/1987	975	563	0	0	0	0
6/7/1987	988	571	0	0	0	0
6/8/1987	1003	589	0	0	0	0
6/9/1987	1008	597	0	0	0	0
6/10/1987	1014	601	0	0	0	0
6/11/1987	943	567	0	0	0	0
6/12/1987	892	552	0	0	0	0
6/13/1987	887	542	0	0	0	0
6/14/1987	865	529	0	0	0	0
6/15/1987	844	501	0	0	0	0
6/16/1987	839	506	0	0	0	0
6/17/1987	910	510	0	0	0	0
6/18/1987	928	516	0	0	0	0
6/19/1987	962	527	0	0	0	0
6/20/1987	980	533	0	0	0	0
6/21/1987	1008	544	0	0	0	0
6/22/1987	1016	546	0	0	0	0
6/23/1987	1024	548	0	0	0	0
6/24/1987	1030	548	0	0	0	0
6/25/1987	1074	571	0	0	0	0
6/26/1987	1077	573	0	0	0	0
6/27/1987	1074	573	0	0	0	0
6/28/1987	1080	575	0	0	0	0
6/29/1987	1094	579	0	0	0	0
6/30/1987	1100	585	0	0	0	0
7/1/1987	1114	589	0	0	0	0
7/2/1987	1116	591	0	0	0	0
7/3/1987	1105	587	0	0	0	0
7/4/1987	1102	587	0	0	0	0
7/5/1987	1086	583	0	0	0	0
7/6/1987	1091	585	0	0	0	0
7/7/1987	1080	585	0	0	0	0
7/8/1987	1083	587	0	0	0	0
7/9/1987	1066	585	0	0	0	0
7/10/1987	1069	571	0	0	0	0
7/11/1987	1072	567	0	0	0	0
7/12/1987	1086	575	0	0	0	0
7/13/1987	1083	565	0	0	0	0
7/14/1987	1077	558	0	0	0	0
7/15/1987	1044	548	0	0	0	0
7/16/1987	1038	548	0	0	0	0
7/17/1987	1066	575	0	0	0	0
7/18/1987	1111	607	0	0	0	0
7/19/1987	1130	622	0	0	0	0
7/20/1987	1128	622	0	0	0	0
7/21/1987	1055	595	0	0	0	0
7/22/1987	1055	587	0	0	0	0
7/23/1987	1044	573	0	0	0	0
7/24/1987	920	531	0	0	0	0
7/25/1987	899	520	0	0	0	0
7/26/1987	892	516	0	0	0	0
7/27/1987	882	510	0	0	0	0

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Calculations for Shoshone Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/28/1987	872	512	0	0	0	0
7/29/1987	887	531	0	0	0	0
7/30/1987	943	535	0	0	0	0
7/31/1987	943	552	0	0	0	0
8/1/1987	941	554	0	0	0	0
8/2/1987	954	556	0	0	0	0
8/3/1987	964	569	0	0	0	0
8/4/1987	959	567	0	0	0	0
8/5/1987	980	569	0	0	0	0
8/6/1987	995	581	0	0	0	0
8/7/1987	1001	587	0	0	0	0
8/8/1987	1006	585	0	0	0	0
8/9/1987	1021	589	0	0	0	0
8/10/1987	1003	593	0	0	0	0
8/11/1987	1021	583	0	0	0	0
8/12/1987	972	565	0	0	0	0
8/13/1987	969	562	0	0	0	0
8/14/1987	980	567	0	0	0	0
8/15/1987	972	560	0	0	0	0
8/16/1987	975	552	0	0	0	0
8/17/1987	975	552	0	0	0	0
8/18/1987	990	562	0	0	0	0
8/19/1987	990	565	0	0	0	0
8/20/1987	990	560	0	0	0	0
8/21/1987	982	554	0	0	0	0
8/22/1987	982	558	0	0	0	0
8/23/1987	985	556	0	0	0	0
8/24/1987	982	554	0	0	0	0
8/25/1987	988	558	0	0	0	0
8/26/1987	990	558	0	0	0	0
8/27/1987	995	556	0	0	0	0
8/28/1987	1001	558	0	0	0	0
8/29/1987	1006	556	0	0	0	0
8/30/1987	1003	556	0	0	0	0
8/31/1987	1006	550	0	0	0	0
9/1/1987	1001	542	0	0	0	0
9/2/1987	1006	539	0	0	0	0
9/3/1987	1011	533	0	0	0	0
9/4/1987	1014	535	0	0	0	0
9/5/1987	1021	539	0	0	0	0
9/6/1987	1035	541	0	0	0	0
9/7/1987	1030	544	0	0	0	0
9/8/1987	993	542	0	0	0	0
9/9/1987	988	539	0	0	0	0
9/10/1987	998	544	0	0	0	0
9/11/1987	1001	544	0	0	0	0
9/12/1987	998	542	0	0	0	0
9/13/1987	1006	541	0	0	0	0
9/14/1987	1001	541	0	0	0	0
9/15/1987	988	548	0	0	0	0
9/16/1987	923	542	0	0	0	0
9/17/1987	920	512	0	0	0	0
9/18/1987	920	508	0	0	0	0
9/19/1987	925	508	0	0	0	0
9/20/1987	925	510	0	0	0	0
9/21/1987	856	512	0	0	0	0
9/22/1987	798	510	0	0	0	0
9/23/1987	781	459	0	0	0	0
9/24/1987	784	452	0	0	0	0

IWRB00003518

Calculations for Shoshone Site Flow
1987
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/25/1987	784	455	0	0	0	0
9/26/1987	774	452	0	0	0	0
9/27/1987	781	448	0	0	0	0
9/28/1987	796	455	0	0	0	0
9/29/1987	798	459	0	0	0	0
9/30/1987	800	461	0	0	0	0
10/1/1987	798	503	0	0	0	0
10/2/1987	798	504	0	0	0	0
10/3/1987	798	514	0	0	0	0
10/4/1987	0	0	0	0	0	0
10/5/1987	786	461	0	461	0	0
10/6/1987	793	459	0	459	0	0
10/7/1987	793	459	0	459	0	0
10/8/1987	805	465	0	465	0	0
10/9/1987	798	466	0	466	0	0
10/10/1987	0	0	0	0	0	0
10/11/1987	0	0	0	0	0	0
10/12/1987	0	0	0	0	0	0
10/13/1987	0	0	0	0	0	0
10/14/1987	0	0	0	0	0	0
10/15/1987	0	0	0	0	0	0
10/16/1987	0	0	0	0	0	0
10/17/1987	0	0	0	0	0	0
10/18/1987	0	0	0	0	0	0
10/19/1987	0	0	0	0	0	0
10/20/1987	0	0	0	0	0	0
10/21/1987	0	0	0	0	0	0
10/22/1987	0	0	0	0	0	0
10/23/1987	0	0	0	0	0	0
10/24/1987	0	0	0	0	0	0
10/25/1987	0	0	0	0	0	0
10/26/1987	0	0	0	0	0	0
10/27/1987	0	0	0	0	0	0
10/28/1987	0	0	0	0	0	0
10/29/1987	0	0	0	0	0	0
10/30/1987	0	0	0	0	0	0
10/31/1987	0	0	0	0	0	0
11/1/1987	0	0	0	0	0	0
11/2/1987	0	0	0	0	0	0
11/3/1987	0	0	0	0	0	0
11/4/1987	0	0	0	0	0	0
11/5/1987	0	0	0	0	0	0
11/6/1987	0	0	0	0	0	0
					0	0
					Maximum	Total

IWRB00003519

Calculations for Shoshone Site Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1988	0	0	0	0	0	0
4/2/1988	0	0	0	0	0	0
4/3/1988	0	0	0	0	0	0
4/4/1988	0	0	0	0	0	0
4/5/1988	0	0	0	0	0	0
4/6/1988	0	0	0	0	0	0
4/7/1988	0	0	0	0	0	0
4/8/1988	0	0	0	0	0	0
4/9/1988	0	0	0	0	0	0
4/10/1988	0	0	0	0	0	0
4/11/1988	0	0	0	0	0	0
4/12/1988	0	0	0	0	0	0
4/13/1988	370	0	0	0	0	0
4/14/1988	378	0	0	0	0	0
4/15/1988	405	0	0	0	0	0
4/16/1988	512	0	0	0	0	0
4/17/1988	520	0	0	0	0	0
4/18/1988	515	260	161	99	0	0
4/19/1988	511	260	161	99	0	0
4/20/1988	512	265	164	101	0	0
4/21/1988	525	268	166	102	0	0
4/22/1988	507	268	166	102	0	0
4/23/1988	503	262	162	100	0	0
4/24/1988	500	257	159	98	0	0
4/25/1988	503	259	161	98	0	0
4/26/1988	503	248	154	94	0	0
4/27/1988	494	248	154	94	0	0
4/28/1988	536	265	164	101	0	0
4/29/1988	547	272	169	103	0	0
4/30/1988	628	281	174	107	0	0
5/1/1988	668	352	218	134	0	0
5/2/1988	670	362	224	138	0	0
5/3/1988	765	432	268	164	0	0
5/4/1988	818	435	270	165	0	0
5/5/1988	815	448	278	170	0	0
5/6/1988	815	440	273	167	0	0
5/7/1988	813	445	276	169	0	0
5/8/1988	822	445	276	169	0	0
5/9/1988	798	430	267	163	0	0
5/10/1988	770	433	268	165	0	0
5/11/1988	755	432	268	164	0	0
5/12/1988	801	437	271	166	0	0
5/13/1988	806	447	277	170	0	0
5/14/1988	806	438	272	166	0	0
5/15/1988	850	445	276	169	0	0
5/16/1988	853	465	288	177	0	0
5/17/1988	832	450	279	171	0	0
5/18/1988	832	450	279	171	0	0
5/19/1988	837	452	280	172	0	0
5/20/1988	840	454	281	173	0	0
5/21/1988	876	470	291	179	0	0
5/22/1988	884	476	295	181	0	0
5/23/1988	879	480	298	182	0	0
5/24/1988	866	457	283	174	0	0
5/25/1988	900	493	306	187	0	0
5/26/1988	941	495	307	188	0	0

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Calculations for Shoshone Site Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/27/1988	944	501	311	190	0	0
5/28/1988	973	508	315	193	0	0
5/29/1988	1001	510	316	194	0	0
5/30/1988	1049	567	352	215	0	0
5/31/1988	1089	607	376	231	0	0
6/1/1988	1107	597	370	227	0	0
6/2/1988	1104	595	369	226	0	0
6/3/1988	1080	581	371	210	0	0
6/4/1988	1063	567	472	95	0	0
6/5/1988	1035	552	342	210	0	0
6/6/1988	1007	544	488	56	0	0
6/7/1988	984	542	0	0	0	0
6/8/1988	996	569	0	0	0	0
6/9/1988	1014	565	0	0	0	0
6/10/1988	1010	569	0	0	0	0
6/11/1988	1004	571	0	0	0	0
6/12/1988	982	558	0	0	0	0
6/13/1988	984	556	0	0	0	0
6/14/1988	973	554	0	0	0	0
6/15/1988	973	550	0	0	0	0
6/16/1988	962	552	0	0	0	0
6/17/1988	979	560	0	0	0	0
6/18/1988	996	563	0	0	0	0
6/19/1988	979	560	0	0	0	0
6/20/1988	973	562	0	0	0	0
6/21/1988	965	558	0	0	0	0
6/22/1988	962	548	0	0	0	0
6/23/1988	976	548	0	0	0	0
6/24/1988	990	558	0	0	0	0
6/25/1988	987	558	0	0	0	0
6/26/1988	993	560	0	0	0	0
6/27/1988	996	552	0	0	0	0
6/28/1988	1001	542	0	0	0	0
6/29/1988	1010	541	0	0	0	0
6/30/1988	1060	558	0	0	0	0
7/1/1988	1060	544	0	0	0	0
7/2/1988	1063	54	0	0	0	0
7/3/1988	1074	556	0	0	0	0
7/4/1988	1077	544	0	0	0	0
7/5/1988	1071	546	0	0	0	0
7/6/1988	1054	567	0	0	0	0
7/7/1988	1086	577	0	0	0	0
7/8/1988	1104	589	0	0	0	0
7/9/1988	1107	589	0	0	0	0
7/10/1988	1095	593	0	0	0	0
7/11/1988	1098	595	0	0	0	0
7/12/1988	1092	593	0	0	0	0
7/13/1988	1104	589	0	0	0	0
7/14/1988	1080	583	0	0	0	0
7/15/1988	1071	567	0	0	0	0
7/16/1988	1049	552	0	0	0	0
7/17/1988	1040	552	0	0	0	0
7/18/1988	1049	560	0	0	0	0
7/19/1988	1060	563	0	0	0	0
7/20/1988	1068	571	0	0	0	0
7/21/1988	1074	573	0	0	0	0

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Calculations for Shoshone Site Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/22/1988	1068	579	0	0	0	0
7/23/1988	1074	585	0	0	0	0
7/24/1988	1077	587	0	0	0	0
7/25/1988	1089	587	0	0	0	0
7/26/1988	1083	587	0	0	0	0
7/27/1988	1089	585	0	0	0	0
7/28/1988	1083	587	0	0	0	0
7/29/1988	1095	603	0	0	0	0
7/30/1988	1110	618	0	0	0	0
7/31/1988	1119	631	0	0	0	0
8/1/1988	1122	620	0	0	0	0
8/2/1988	1110	607	0	0	0	0
8/3/1988	1083	595	0	0	0	0
8/4/1988	1089	583	0	0	0	0
8/5/1988	1071	603	0	0	0	0
8/6/1988	1110	603	0	0	0	0
8/7/1988	1116	603	0	0	0	0
8/8/1988	1116	599	0	0	0	0
8/9/1988	1092	591	0	0	0	0
8/10/1988	1074	573	0	0	0	0
8/11/1988	1068	575	0	0	0	0
8/12/1988	1068	573	0	0	0	0
8/13/1988	1074	581	0	0	0	0
8/14/1988	1074	585	0	0	0	0
8/15/1988	1074	583	0	0	0	0
8/16/1988	1086	587	0	0	0	0
8/17/1988	1074	591	0	0	0	0
8/18/1988	1057	583	0	0	0	0
8/19/1988	1046	575	0	0	0	0
8/20/1988	1043	583	0	0	0	0
8/21/1988	1046	585	0	0	0	0
8/22/1988	1063	593	0	0	0	0
8/23/1988	1052	593	0	0	0	0
8/24/1988	1018	571	0	0	0	0
8/25/1988	1015	567	0	0	0	0
8/26/1988	1007	571	0	0	0	0
8/27/1988	1015	585	0	0	0	0
8/28/1988	1026	593	0	0	0	0
8/29/1988	1029	595	0	0	0	0
8/30/1988	1024	595	0	0	0	0
8/31/1988	1018	595	0	0	0	0
9/1/1988	1007	595	0	0	0	0
9/2/1988	1015	597	0	0	0	0
9/3/1988	1026	603	0	0	0	0
9/4/1988	1035	609	0	0	0	0
9/5/1988	1046	609	0	0	0	0
9/6/1988	1043	567	0	0	0	0
9/7/1988	1043	567	0	0	0	0
9/8/1988	998	550	0	0	0	0
9/9/1988	946	520	0	0	0	0
9/10/1988	928	510	0	0	0	0
9/11/1988	952	514	0	0	0	0
9/12/1988	959	525	0	0	0	0
9/13/1988	957	529	0	0	0	0
9/14/1988	959	531	0	0	0	0
9/15/1988	866	484	0	0	0	0

IWRB00003522

Calculations for Shoshone Site Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/16/1988	853	476	0	0	0	0
9/17/1988	772	465	0	0	0	0
9/18/1988	762	466	0	0	0	0
9/19/1988	770	437	0	0	0	0
9/20/1988	784	421	0	0	0	0
9/21/1988	784	421	0	0	0	0
9/22/1988	784	420	0	0	0	0
9/23/1988	796	421	0	0	0	0
9/24/1988	798	425	0	0	0	0
9/25/1988	798	420	0	0	0	0
9/26/1988	692	360	0	0	0	0
9/27/1988	644	337	0	0	0	0
9/28/1988	652	349	0	0	0	0
9/29/1988	655	355	0	0	0	0
9/30/1988	661	379	0	0	0	0
10/1/1988	0	0	0	0	0	0
10/2/1988	0	0	0	0	0	0
10/3/1988	672	428	0	0	0	0
10/4/1988	677	432	0	0	0	0
10/5/1988	677	432	0	0	0	0
10/6/1988	679	432	0	0	0	0
10/7/1988	677	432	0	0	0	0
10/8/1988	0	0	0	0	0	0
10/9/1988	0	0	0	0	0	0
10/10/1988	0	0	0	0	0	0
10/11/1988	0	0	0	0	0	0
10/12/1988	0	0	0	0	0	0
10/13/1988	0	0	0	0	0	0
10/14/1988	0	0	0	0	0	0
10/15/1988	0	0	0	0	0	0
10/16/1988	0	0	0	0	0	0
10/17/1988	0	0	0	0	0	0
10/18/1988	0	0	0	0	0	0
10/19/1988	0	0	0	0	0	0
10/20/1988	0	0	0	0	0	0
10/21/1988	0	0	0	0	0	0
10/22/1988	0	0	0	0	0	0
10/23/1988	0	0	0	0	0	0
10/24/1988	0	0	0	0	0	0
10/25/1988	0	0	0	0	0	0
10/26/1988	0	0	0	0	0	0
10/27/1988	0	0	0	0	0	0
10/28/1988	0	0	0	0	0	0
10/29/1988	0	0	0	0	0	0
10/30/1988	0	0	0	0	0	0
10/31/1988	0	0	0	0	0	0
					0	0
					Maximum	Total

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Calculations for Shoshone Site Flow
1989
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1989	0	0	0	0	0	0
4/2/1989	0	0	0	0	0	0
4/3/1989	0	0	0	0	0	0
4/4/1989	0	0	0	0	0	0
4/5/1989	0	0	0	0	0	0
4/6/1989	0	0	0	0	0	0
4/7/1989	0	0	0	0	0	0
4/8/1989	0	0	0	0	0	0
4/9/1989	0	0	0	0	0	0
4/10/1989	0	0	0	0	0	0
4/11/1989	0	0	0	0	0	0
4/12/1989	0	0	0	0	0	0
4/13/1989	0	0	0	0	0	0
4/14/1989	0	0	0	0	0	0
4/15/1989	0	0	0	0	0	0
4/16/1989	0	0	0	0	0	0
4/17/1989	0	0	0	0	0	0
4/18/1989	0	0	0	0	0	0
4/19/1989	104	0	100	0	0	0
4/20/1989	142	175	126	49	33	65
4/21/1989	251	256	184	72	5	10
4/22/1989	389	389	279	110	0	0
4/23/1989	385	394	283	111	9	18
4/24/1989	385	394	279	115	9	18
4/25/1989	435	392	270	122	0	0
4/26/1989	500	443	319	124	0	0
4/27/1989	572	396	290	106	0	0
4/28/1989	554	304	219	85	0	0
4/29/1989	542	199	143	56	0	0
4/30/1989	772	316	228	88	0	0
5/1/1989	754	326	202	124	0	0
5/2/1989	706	296	184	112	0	0
5/3/1989	679	348	216	132	0	0
5/4/1989	673	360	223	137	0	0
5/5/1989	769	463	287	176	0	0
5/6/1989	807	452	280	172	0	0
5/7/1989	751	446	277	169	0	0
5/8/1989	782	437	271	166	0	0
5/9/1989	874	463	287	176	0	0
5/10/1989	945	466	289	177	0	0
5/11/1989	1002	491	304	187	0	0
5/12/1989	1010	508	315	193	0	0
5/13/1989	1051	531	329	202	0	0
5/14/1989	987	550	341	209	0	0
5/15/1989	1087	558	346	212	0	0
5/16/1989	1103	565	350	215	0	0
5/17/1989	1042	554	343	211	0	0
5/18/1989	1060	565	350	215	0	0
5/19/1989	1064	573	355	218	0	0
5/20/1989	1082	563	349	214	0	0
5/21/1989	984	578	358	220	0	0
5/22/1989	1060	548	340	208	0	0
5/23/1989	965	575	357	219	0	0
5/24/1989	913	550	341	209	0	0
5/25/1989	945	618	383	235	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1989	1028	48	30	18	0	0
5/27/1989	1046	620	384	236	0	0
5/28/1989	967	285	177	108	0	0
5/29/1989	1046	626	388	238	0	0
5/30/1989	1056	624	387	237	0	0
5/31/1989	1042	624	387	237	0	0
6/1/1989	953	578	0	0	0	0
6/2/1989	953	574	0	0	0	0
6/3/1989	917	562	0	0	0	0
6/4/1989	923	566	0	0	0	0
6/5/1989	930	570	0	0	0	0
6/6/1989	927	562	0	0	0	0
6/7/1989	920	562	0	0	0	0
6/8/1989	907	538	0	0	0	0
6/9/1989	904	538	0	0	0	0
6/10/1989	897	564	0	0	0	0
6/11/1989	920	526	0	0	0	0
6/12/1989	974	546	0	0	0	0
6/13/1989	1022	572	0	0	0	0
6/14/1989	1035	584	0	0	0	0
6/15/1989	1015	572	0	0	0	0
6/16/1989	1011	576	0	0	0	0
6/17/1989	1022	590	0	0	0	0
6/18/1989	1039	596	0	0	0	0
6/19/1989	1150	613	0	0	0	0
6/20/1989	1132	576	0	0	0	0
6/21/1989	1132	576	0	0	0	0
6/22/1989	1045	588	0	0	0	0
6/23/1989	1060	576	0	0	0	0
6/24/1989	1071	582	0	0	0	0
6/25/1989	1071	586	0	0	0	0
6/26/1989	1057	580	0	0	0	0
6/27/1989	1049	572	0	0	0	0
6/28/1989	1049	568	0	0	0	0
6/29/1989	1057	570	0	0	0	0
6/30/1989	1049	560	0	0	0	0
7/1/1989	1022	568	0	0	0	0
7/2/1989	1057	584	0	0	0	0
7/3/1989	1060	584	0	0	0	0
7/4/1989	1064	586	0	0	0	0
7/5/1989	1039	586	0	0	0	0
7/6/1989	1057	588	0	0	0	0
7/7/1989	1074	584	0	0	0	0
7/8/1989	1057	574	0	0	0	0
7/9/1989	1067	580	0	0	0	0
7/10/1989	1089	590	0	0	0	0
7/11/1989	1099	598	0	0	0	0
7/12/1989	1110	602	0	0	0	0
7/13/1989	1107	613	0	0	0	0
7/14/1989	1114	613	0	0	0	0
7/15/1989	1121	611	0	0	0	0
7/16/1989	1096	596	0	0	0	0
7/17/1989	1125	598	0	0	0	0
7/18/1989	1125	598	0	0	0	0
7/19/1989	1136	598	0	0	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1989	1117	594	0	0	0	0
7/21/1989	1125	586	0	0	0	0
7/22/1989	1117	586	0	0	0	0
7/23/1989	1139	594	0	0	0	0
7/24/1989	1158	602	0	0	0	0
7/25/1989	1161	602	0	0	0	0
7/26/1989	1154	602	0	0	0	0
7/27/1989	1180	615	0	0	0	0
7/28/1989	1187	611	0	0	0	0
7/29/1989	1187	611	0	0	0	0
7/30/1989	1199	615	0	0	0	0
7/31/1989	1206	621	0	0	0	0
8/1/1989	1121	598	0	0	0	0
8/2/1989	1136	590	0	0	0	0
8/3/1989	1139	592	0	0	0	0
8/4/1989	1139	594	0	0	0	0
8/5/1989	1132	590	0	0	0	0
8/6/1989	1139	598	0	0	0	0
8/7/1989	1143	600	0	0	0	0
8/8/1989	1139	600	0	0	0	0
8/9/1989	1099	594	0	0	0	0
8/10/1989	1089	588	0	0	0	0
8/11/1989	1089	594	0	0	0	0
8/12/1989	1089	594	0	0	0	0
8/13/1989	1081	592	0	0	0	0
8/14/1989	1074	590	0	0	0	0
8/15/1989	1084	590	0	0	0	0
8/16/1989	1084	590	0	0	0	0
8/17/1989	1074	598	0	0	0	0
8/18/1989	1074	586	0	0	0	0
8/19/1989	1081	590	0	0	0	0
8/20/1989	1103	592	0	0	0	0
8/21/1989	1110	590	0	0	0	0
8/22/1989	1117	570	0	0	0	0
8/23/1989	1132	580	0	0	0	0
8/24/1989	1081	570	0	0	0	0
8/25/1989	1089	580	0	0	0	0
8/26/1989	1081	578	0	0	0	0
8/27/1989	1096	578	0	0	0	0
8/28/1989	1074	552	0	0	0	0
8/29/1989	1046	558	0	0	0	0
8/30/1989	967	524	0	0	0	0
8/31/1989	937	500	0	0	0	0
9/1/1989	940	562	0	0	0	0
9/2/1989	953	563	0	0	0	0
9/3/1989	953	519	0	0	0	0
9/4/1989	965	593	0	0	0	0
9/5/1989	961	595	0	0	0	0
9/6/1989	957	593	0	0	0	0
9/7/1989	965	593	0	0	0	0
9/8/1989	985	624	0	0	0	0
9/9/1989	989	629	0	0	0	0
9/10/1989	997	560	0	0	0	0
9/11/1989	1046	653	0	0	0	0
9/12/1989	1056	613	0	0	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1989	969	593	0	0	0	0
9/14/1989	965	611	0	0	0	0
9/15/1989	965	615	0	0	0	0
9/16/1989	949	615	0	0	0	0
9/17/1989	910	548	0	0	0	0
9/18/1989	885	591	0	0	0	0
9/19/1989	849	583	0	0	0	0
9/20/1989	842	581	0	0	0	0
9/21/1989	814	548	0	0	0	0
9/22/1989	769	548	0	0	0	0
9/23/1989	779	546	0	0	0	0
9/24/1989	787	463	0	0	0	0
9/25/1989	763	510	0	0	0	0
9/26/1989	757	512	0	0	0	0
9/27/1989	760	518	0	0	0	0
9/28/1989	763	520	0	0	0	0
9/29/1989	769	518	0	0	0	0
9/30/1989	787	461	0	0	0	0
10/1/1989	0	0	0	0	0	0
10/2/1989	0	0	0	0	0	0
10/3/1989	0	0	0	0	0	0
10/4/1989	0	0	0	0	0	0
10/5/1989	0	0	0	0	0	0
10/6/1989	0	0	0	0	0	0
10/7/1989	0	0	0	0	0	0
10/8/1989	0	0	0	0	0	0
10/9/1989	0	0	0	0	0	0
10/10/1989	0	0	0	0	0	0
10/11/1989	0	0	0	0	0	0
10/12/1989	0	0	0	0	0	0
10/13/1989	0	0	0	0	0	0
10/14/1989	0	0	0	0	0	0
10/15/1989	0	0	0	0	0	0
10/16/1989	0	0	0	0	0	0
10/17/1989	0	0	0	0	0	0
10/18/1989	0	0	0	0	0	0
10/19/1989	0	0	0	0	0	0
10/20/1989	0	0	0	0	0	0
10/21/1989	0	0	0	0	0	0
10/22/1989	0	0	0	0	0	0
10/23/1989	0	0	0	0	0	0
10/24/1989	0	0	0	0	0	0
10/25/1989	0	0	0	0	0	0
10/26/1989	0	0	0	0	0	0
10/27/1989	0	0	0	0	0	0
10/28/1989	0	0	0	0	0	0
10/29/1989	0	0	0	0	0	0
10/30/1989	0	0	0	0	0	0
10/31/1989	0	0	0	0	0	0
11/1/1989	0	0	0	0	0	0
11/2/1989	0	0	0	0	0	0
11/3/1989	0	0	0	0	0	0
11/4/1989	0	0	0	0	0	0
11/5/1989	0	0	0	0	0	0
11/6/1989	0	0	0	0	0	0

Calculations for Shoshone Site Flow
1989
Brockway Engineering, PLLC
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
11/7/1989	0	0	0	0	0	0
11/8/1989	0	0	0	0	0	0
11/9/1989	0	0	0	0	0	0
11/10/1989	0	0	0	0	0	0
11/11/1989	0	0	0	0	0	0
11/12/1989	0	0	0	0	0	0
11/13/1989	0	0	0	0	0	0
11/14/1989	0	0	0	0	0	0
11/15/1989	0	0	0	0	0	0
11/16/1989	0	0	0	0	0	0
					33	111
					Maximum	Total

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1990	0	0	0	0	0	0
4/2/1990	0	0	0	0	0	0
4/3/1990	0	0	0	0	0	0
4/4/1990	0	0	0	0	0	0
4/5/1990	185	170	0	170	0	0
4/6/1990	190	156	0	156	0	0
4/7/1990	193	162	0	162	0	0
4/8/1990	194	165	0	165	0	0
4/9/1990	197	170	0	170	0	0
4/10/1990	312	175	0	175	0	0
4/11/1990	399	225	0	225	0	0
4/12/1990	393	251	0	251	0	0
4/13/1990	393	250	0	250	0	0
4/14/1990	368	247	0	247	0	0
4/15/1990	368	275	0	275	0	0
4/16/1990	368	305	0	305	0	0
4/17/1990	368	294	0	294	0	0
4/18/1990	368	306	0	306	0	0
4/19/1990	368	326	0	326	0	0
4/20/1990	670	398	0	398	0	0
4/21/1990	716	376	0	376	0	0
4/22/1990	787	376	0	376	0	0
4/23/1990	824	425	0	425	0	0
4/24/1990	830	427	0	427	0	0
4/25/1990	849	434	0	434	0	0
4/26/1990	843	445	0	445	0	0
4/27/1990	878	461	0	461	0	0
4/28/1990	900	472	0	472	0	0
4/29/1990	930	487	0	487	0	0
4/30/1990	933	488	0	488	0	0
5/1/1990	891	472	0	472	0	0
5/2/1990	884	472	0	472	0	0
5/3/1990	965	459	0	459	0	0
5/4/1990	953	498	0	498	0	0
5/5/1990	957	513	0	513	0	0
5/6/1990	950	509	0	509	0	0
5/7/1990	977	513	0	513	0	0
5/8/1990	957	540	0	540	0	0
5/9/1990	957	566	0	566	0	0
5/10/1990	940	519	0	519	0	0
5/11/1990	923	517	0	517	0	0
5/12/1990	917	526	0	526	0	0
5/13/1990	904	554	0	554	0	0
5/14/1990	910	542	0	542	0	0
5/15/1990	904	542	0	542	0	0
5/16/1990	914	552	0	552	0	0
5/17/1990	970	574	0	574	0	0
5/18/1990	794	582	0	582	0	0
5/19/1990	888	570	0	570	0	0
5/20/1990	888	544	0	544	0	0
5/21/1990	894	538	0	538	0	0
5/22/1990	891	546	0	546	0	0
5/23/1990	888	540	0	540	0	0
5/24/1990	868	530	0	530	0	0
5/25/1990	888	542	0	542	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1990	884	540	0	540	0	0
5/27/1990	878	536	0	536	0	0
5/28/1990	878	532	0	532	0	0
5/29/1990	862	538	0	538	0	0
5/30/1990	852	519	0	519	0	0
5/31/1990	904	546	0	546	0	0
6/1/1990	849	562	0	0	0	0
6/2/1990	868	574	0	0	0	0
6/3/1990	862	578	0	0	0	0
6/4/1990	859	574	0	0	0	0
6/5/1990	855	564	0	0	0	0
6/6/1990	859	550	0	0	0	0
6/7/1990	837	552	0	0	0	0
6/8/1990	830	536	0	0	0	0
6/9/1990	751	511	0	0	0	0
6/10/1990	730	526	0	0	0	0
6/11/1990	736	526	0	0	0	0
6/12/1990	722	505	0	0	0	0
6/13/1990	725	503	0	0	0	0
6/14/1990	739	503	0	0	0	0
6/15/1990	736	503	0	0	0	0
6/16/1990	733	509	0	0	0	0
6/17/1990	739	511	0	0	0	0
6/18/1990	745	509	0	0	0	0
6/19/1990	696	492	0	0	0	0
6/20/1990	676	459	0	0	0	0
6/21/1990	751	481	0	0	0	0
6/22/1990	751	474	0	0	0	0
6/23/1990	812	483	0	0	0	0
6/24/1990	837	481	0	0	0	0
6/25/1990	884	526	0	0	0	0
6/26/1990	914	550	0	0	0	0
6/27/1990	953	550	0	0	0	0
6/28/1990	963	578	0	0	0	0
6/29/1990	963	584	0	0	0	0
6/30/1990	957	582	0	0	0	0
7/1/1990	974	570	0	0	0	0
7/2/1990	967	556	0	0	0	0
7/3/1990	967	548	0	0	0	0
7/4/1990	980	558	0	0	0	0
7/5/1990	1001	558	0	0	0	0
7/6/1990	967	546	0	0	0	0
7/7/1990	953	538	0	0	0	0
7/8/1990	967	524	0	0	0	0
7/9/1990	994	524	0	0	0	0
7/10/1990	1008	534	0	0	0	0
7/11/1990	994	528	0	0	0	0
7/12/1990	997	550	0	0	0	0
7/13/1990	991	544	0	0	0	0
7/14/1990	987	560	0	0	0	0
7/15/1990	987	554	0	0	0	0
7/16/1990	1008	556	0	0	0	0
7/17/1990	1022	564	0	0	0	0
7/18/1990	1018	558	0	0	0	0
7/19/1990	1015	554	0	0	0	0

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Calculations for Shoshone Site Flow
1990
Brockway Engineering, PLLC
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1990	1025	564	0	0	0	0
7/21/1990	1039	580	0	0	0	0
7/22/1990	1053	584	0	0	0	0
7/23/1990	1060	580	0	0	0	0
7/24/1990	1067	580	0	0	0	0
7/25/1990	1060	586	0	0	0	0
7/26/1990	1067	600	0	0	0	0
7/27/1990	1085	576	0	0	0	0
7/28/1990	1096	576	0	0	0	0
7/29/1990	1060	554	0	0	0	0
7/30/1990	1039	544	0	0	0	0
7/31/1990	1035	552	0	0	0	0
8/1/1990	1032	566	0	0	0	0
8/2/1990	1025	550	0	0	0	0
8/3/1990	1032	570	0	0	0	0
8/4/1990	1035	574	0	0	0	0
8/5/1990	1039	578	0	0	0	0
8/6/1990	1060	582	0	0	0	0
8/7/1990	1060	582	0	0	0	0
8/8/1990	1049	576	0	0	0	0
8/9/1990	1049	578	0	0	0	0
8/10/1990	1039	574	0	0	0	0
8/11/1990	1039	570	0	0	0	0
8/12/1990	1057	574	0	0	0	0
8/13/1990	1085	588	0	0	0	0
8/14/1990	1078	570	0	0	0	0
8/15/1990	1074	562	0	0	0	0
8/16/1990	1074	562	0	0	0	0
8/17/1990	1081	588	0	0	0	0
8/18/1990	1096	594	0	0	0	0
8/19/1990	1117	604	0	0	0	0
8/20/1990	1139	602	0	0	0	0
8/21/1990	1306	598	0	0	0	0
8/22/1990	1346	590	0	0	0	0
8/23/1990	1074	602	0	0	0	0
8/24/1990	1081	582	0	0	0	0
8/25/1990	1096	580	0	0	0	0
8/26/1990	1114	588	0	0	0	0
8/27/1990	1139	586	0	0	0	0
8/28/1990	1155	570	0	0	0	0
8/29/1990	1081	546	0	0	0	0
8/30/1990	980	560	0	0	0	0
8/31/1990	970	574	0	0	0	0
9/1/1990	984	584	0	0	0	0
9/2/1990	987	588	0	0	0	0
9/3/1990	987	564	0	0	0	0
9/4/1990	987	554	0	0	0	0
9/5/1990	984	550	0	0	0	0
9/6/1990	977	542	0	0	0	0
9/7/1990	920	544	0	0	0	0
9/8/1990	914	548	0	0	0	0
9/9/1990	910	548	0	0	0	0
9/10/1990	923	552	0	0	0	0
9/11/1990	940	554	0	0	0	0
9/12/1990	963	554	0	0	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1990	904	538	0	0	0	0
9/14/1990	907	542	0	0	0	0
9/15/1990	920	530	0	0	0	0
9/16/1990	914	528	0	0	0	0
9/17/1990	917	532	0	0	0	0
9/18/1990	917	530	0	0	0	0
9/19/1990	849	502	0	0	0	0
9/20/1990	815	500	0	0	0	0
9/21/1990	818	515	0	0	0	0
9/22/1990	815	511	0	0	0	0
9/23/1990	815	511	0	0	0	0
9/24/1990	769	488	0	0	0	0
9/25/1990	748	477	0	0	0	0
9/26/1990	745	474	0	0	0	0
9/27/1990	640	437	0	0	0	0
9/28/1990	640	437	0	0	0	0
9/29/1990	640	437	0	0	0	0
9/30/1990	634	437	0	0	0	0
10/1/1990	0	0	0	0	0	0
10/2/1990	0	0	0	0	0	0
10/3/1990	0	0	0	0	0	0
10/4/1990	0	0	0	0	0	0
10/5/1990	0	0	0	0	0	0
10/6/1990	0	0	0	0	0	0
10/7/1990	0	0	0	0	0	0
10/8/1990	0	0	0	0	0	0
10/9/1990	0	0	0	0	0	0
10/10/1990	0	0	0	0	0	0
10/11/1990	0	0	0	0	0	0
10/12/1990	0	0	0	0	0	0
10/13/1990	0	0	0	0	0	0
10/14/1990	0	0	0	0	0	0
10/15/1990	0	0	0	0	0	0
10/16/1990	0	0	0	0	0	0
10/17/1990	0	0	0	0	0	0
10/18/1990	0	0	0	0	0	0
10/19/1990	0	0	0	0	0	0
10/20/1990	0	0	0	0	0	0
10/21/1990	0	0	0	0	0	0
10/22/1990	0	0	0	0	0	0
10/23/1990	0	0	0	0	0	0
10/24/1990	0	0	0	0	0	0
10/25/1990	0	0	0	0	0	0
10/26/1990	0	0	0	0	0	0
10/27/1990	0	0	0	0	0	0
10/28/1990	0	0	0	0	0	0
10/29/1990	0	0	0	0	0	0
10/30/1990	0	0	0	0	0	0
10/31/1990	0	0	0	0	0	0
					0	0
					Maximum	Total

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1991	0	0	0	0	0	0
4/2/1991	0	0	0	0	0	0
4/3/1991	0	0	0	0	0	0
4/4/1991	0	0	0	0	0	0
4/5/1991	0	0	0	0	0	0
4/6/1991	0	0	0	0	0	0
4/7/1991	0	0	0	0	0	0
4/8/1991	0	0	0	0	0	0
4/9/1991	0	0	0	0	0	0
4/10/1991	0	0	0	0	0	0
4/11/1991	0	0	0	0	0	0
4/12/1991	0	0	0	0	0	0
4/13/1991	0	0	0	0	0	0
4/14/1991	0	0	0	0	0	0
4/15/1991	264	207	104	104	0	0
4/16/1991	234	187	94	94	0	0
4/17/1991	224	184	92	92	0	0
4/18/1991	335	250	125	125	0	0
4/19/1991	408	273	137	137	0	0
4/20/1991	435	243	122	122	0	0
4/21/1991	435	245	123	123	0	0
4/22/1991	432	267	134	134	0	0
4/23/1991	415	239	120	120	0	0
4/24/1991	412	256	128	128	0	0
4/25/1991	455	273	137	137	0	0
4/26/1991	589	351	176	176	0	0
4/27/1991	589	355	178	178	0	0
4/28/1991	583	351	176	176	0	0
4/29/1991	594	356	178	178	0	0
4/30/1991	586	358	179	179	0	0
5/1/1991	583	363	5	358	0	0
5/2/1991	667	384	192	192	0	0
5/3/1991	687	366	183	183	0	0
5/4/1991	690	359	180	180	0	0
5/5/1991	687	366	183	183	0	0
5/6/1991	687	364	0	0	0	0
5/7/1991	736	387	0	0	0	0
5/8/1991	733	391	0	0	0	0
5/9/1991	748	396	0	0	0	0
5/10/1991	745	394	0	0	0	0
5/11/1991	751	401	0	0	0	0
5/12/1991	766	415	0	0	0	0
5/13/1991	775	416	0	0	0	0
5/14/1991	775	415	0	0	0	0
5/15/1991	754	406	0	0	0	0
5/16/1991	748	403	0	0	0	0
5/17/1991	745	398	0	0	0	0
5/18/1991	742	399	0	0	0	0
5/19/1991	739	399	0	0	0	0
5/20/1991	681	376	0	0	0	0
5/21/1991	670	374	0	0	0	0
5/22/1991	665	364	0	0	0	0
5/23/1991	648	381	0	0	0	0
5/24/1991	725	411	0	0	0	0
5/25/1991	757	423	0	0	0	0

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Calculations for Shoshone Site Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1991	745	416	0	0	0	0
5/27/1991	748	422	0	0	0	0
5/28/1991	739	420	0	0	0	0
5/29/1991	796	443	0	0	0	0
5/30/1991	859	452	5	0	0	0
5/31/1991	855	452	4	0	0	0
6/1/1991	865	446	0	0	0	0
6/2/1991	927	450	0	0	0	0
6/3/1991	933	474	0	0	0	0
6/4/1991	920	468	0	0	0	0
6/5/1991	937	464	0	0	0	0
6/6/1991	1042	517	0	0	0	0
6/7/1991	1057	558	0	0	0	0
6/8/1991	1085	560	0	0	0	0
6/9/1991	1053	562	0	0	0	0
6/10/1991	1039	558	0	0	0	0
6/11/1991	1022	546	0	0	0	0
6/12/1991	1022	542	0	0	0	0
6/13/1991	1085	556	0	0	0	0
6/14/1991	1060	564	0	0	0	0
6/15/1991	1092	582	0	0	0	0
6/16/1991	1117	590	0	0	0	0
6/17/1991	1114	586	0	0	0	0
6/18/1991	1096	582	0	0	0	0
6/19/1991	1089	576	0	0	0	0
6/20/1991	1096	576	0	0	0	0
6/21/1991	1096	580	0	0	0	0
6/22/1991	1114	586	0	0	0	0
6/23/1991	1114	590	0	0	0	0
6/24/1991	1117	586	0	0	0	0
6/25/1991	1103	582	0	0	0	0
6/26/1991	1136	604	0	0	0	0
6/27/1991	1165	615	0	0	0	0
6/28/1991	1187	623	0	0	0	0
6/29/1991	1191	625	0	0	0	0
6/30/1991	1202	627	0	0	0	0
7/1/1991	1191	627	0	0	0	0
7/2/1991	1176	621	0	0	0	0
7/3/1991	1165	619	0	0	0	0
7/4/1991	1136	606	0	0	0	0
7/5/1991	1161	613	0	0	0	0
7/6/1991	1176	615	0	0	0	0
7/7/1991	1184	617	0	0	0	0
7/8/1991	1191	613	0	0	0	0
7/9/1991	1169	576	0	0	0	0
7/10/1991	1172	586	0	0	0	0
7/11/1991	1165	582	0	0	0	0
7/12/1991	1167	592	0	0	0	0
7/13/1991	1199	594	0	0	0	0
7/14/1991	1214	544	0	0	0	0
7/15/1991	987	572	0	0	0	0
7/16/1991	1001	606	0	0	0	0
7/17/1991	1008	615	0	0	0	0
7/18/1991	1015	619	0	0	0	0
7/19/1991	1035	636	0	0	0	0

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Calculations for Shoshone Site Flow
1991
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1991	1057	638	0	0	0	0
7/21/1991	1078	640	0	0	0	0
7/22/1991	1081	611	0	0	0	0
7/23/1991	1085	602	0	0	0	0
7/24/1991	1099	615	0	0	0	0
7/25/1991	1107	617	0	0	0	0
7/26/1991	1117	615	0	0	0	0
7/27/1991	1117	615	0	0	0	0
7/28/1991	1121	627	0	0	0	0
7/29/1991	1125	625	0	0	0	0
7/30/1991	1114	631	0	0	0	0
7/31/1991	1103	636	0	0	0	0
8/1/1991	1110	636	0	0	0	0
8/2/1991	1107	636	0	0	0	0
8/3/1991	1139	648	0	0	0	0
8/4/1991	1015	560	0	0	0	0
8/5/1991	1078	600	0	0	0	0
8/6/1991	1128	625	0	0	0	0
8/7/1991	1143	615	0	0	0	0
8/8/1991	1132	611	0	0	0	0
8/9/1991	1139	617	0	0	0	0
8/10/1991	1132	613	0	0	0	0
8/11/1991	1132	611	0	0	0	0
8/12/1991	1143	615	0	0	0	0
8/13/1991	1128	609	0	0	0	0
8/14/1991	1125	606	0	0	0	0
8/15/1991	1128	611	0	0	0	0
8/16/1991	1128	606	0	0	0	0
8/17/1991	1150	615	0	0	0	0
8/18/1991	1143	602	0	0	0	0
8/19/1991	1143	598	0	0	0	0
8/20/1991	1099	613	0	0	0	0
8/21/1991	1092	602	0	0	0	0
8/22/1991	1085	600	0	0	0	0
8/23/1991	1092	602	0	0	0	0
8/24/1991	1085	598	0	0	0	0
8/25/1991	1099	606	0	0	0	0
8/26/1991	1107	604	0	0	0	0
8/27/1991	1103	609	0	0	0	0
8/28/1991	1074	598	0	0	0	0
8/29/1991	1057	590	0	0	0	0
8/30/1991	1057	602	0	0	0	0
8/31/1991	1042	596	0	0	0	0
9/1/1991	1042	598	0	0	0	0
9/2/1991	1057	602	0	0	0	0
9/3/1991	1060	606	0	0	0	0
9/4/1991	1078	604	0	0	0	0
9/5/1991	967	580	0	0	0	0
9/6/1991	940	578	0	0	0	0
9/7/1991	897	532	0	0	0	0
9/8/1991	933	550	0	0	0	0
9/9/1991	953	560	0	0	0	0
9/10/1991	1032	566	0	0	0	0
9/11/1991	1008	554	0	0	0	0
9/12/1991	907	515	0	0	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1991	888	540	0	0	0	0
9/14/1991	897	534	0	0	0	0
9/15/1991	875	534	0	0	0	0
9/16/1991	891	534	0	0	0	0
9/17/1991	815	511	0	0	0	0
9/18/1991	772	479	0	0	0	0
9/19/1991	769	477	0	0	0	0
9/20/1991	763	475	0	0	0	0
9/21/1991	772	472	0	0	0	0
9/22/1991	775	479	0	0	0	0
9/23/1991	787	485	0	0	0	0
9/24/1991	693	446	0	0	0	0
9/25/1991	676	446	0	0	0	0
9/26/1991	665	479	0	0	0	0
9/27/1991	656	450	0	0	0	0
9/28/1991	651	429	0	0	0	0
9/29/1991	733	429	0	0	0	0
9/30/1991	645	455	0	0	0	0
10/1/1991	642	425	0	0	0	0
10/2/1991	645	432	0	0	0	0
10/3/1991	642	429	0	0	0	0
10/4/1991	651	434	0	0	0	0
10/5/1991	0	0	0	0	0	0
10/6/1991	0	0	0	0	0	0
10/7/1991	656	437	0	0	0	0
10/8/1991	665	445	0	0	0	0
10/9/1991	667	446	0	0	0	0
10/10/1991	681	452	0	0	0	0
10/11/1991	713	466	0	0	0	0
10/12/1991	0	0	0	0	0	0
10/13/1991	0	0	0	0	0	0
10/14/1991	0	0	0	0	0	0
10/15/1991	0	0	0	0	0	0
10/16/1991	0	0	0	0	0	0
10/17/1991	0	0	0	0	0	0
10/18/1991	0	0	0	0	0	0
10/19/1991	0	0	0	0	0	0
10/20/1991	0	0	0	0	0	0
10/21/1991	0	0	0	0	0	0
10/22/1991	0	0	0	0	0	0
10/23/1991	0	0	0	0	0	0
10/24/1991	0	0	0	0	0	0
10/25/1991	0	0	0	0	0	0
10/26/1991	0	0	0	0	0	0
10/27/1991	0	0	0	0	0	0
10/28/1991	0	0	0	0	0	0
10/29/1991	0	0	0	0	0	0
10/30/1991	0	0	0	0	0	0
10/31/1991	0	0	0	0	0	0
11/1/1991	159	0	0	0	0	0
11/2/1991	70	0	0	0	0	0
11/3/1991	0	0	0	0	0	0
11/4/1991	0	0	0	0	0	0
11/5/1991	126	0	0	0	0	0
11/6/1991	92	0	0	0	0	0

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Calculations for Shoshone Site Flow
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
11/7/1991	105	0	0	0	0	0
11/8/1991	112	71	0	71	0	0
11/9/1991	0	0	0	0	0	0
11/10/1991	0	0	0	0	0	0
11/11/1991	121	78	0	78	0	0
11/12/1991	121	98	0	98	0	0
11/13/1991	94	80	0	80	0	0
11/14/1991	70	63	0	63	0	0
11/15/1991	75	66	0	66	0	0
11/16/1991	0	0	0	0	0	0
11/17/1991	0	0	0	0	0	0
11/18/1991	105	89	0	89	0	0
11/19/1991	94	87	0	87	0	0
11/20/1991	77	80	0	80	3	6
11/21/1991	88	80	0	80	0	0
11/22/1991	66	66	0	66	0	0
					3	6
					Maximum	Total

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Calculations for Shoshone Site Flow
1992
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Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
4/1/1992	0	0	0	0	0	0
4/2/1992	0	0	0	0	0	0
4/3/1992	0	0	0	0	0	0
4/4/1992	0	0	0	0	0	0
4/5/1992	0	0	0	0	0	0
4/6/1992	83	89	0	89	6	12
4/7/1992	166	135	0	135	0	0
4/8/1992	252	177	0	177	0	0
4/9/1992	239	177	0	177	0	0
4/10/1992	229	189	0	189	0	0
4/11/1992	218	181	0	181	0	0
4/12/1992	216	182	0	182	0	0
4/13/1992	219	180	0	180	0	0
4/14/1992	304	235	0	235	0	0
4/15/1992	483	337	0	337	0	0
4/16/1992	563	377	0	377	0	0
4/17/1992	563	379	0	379	0	0
4/18/1992	568	382	0	382	0	0
4/19/1992	656	403	0	403	0	0
4/20/1992	704	478	0	478	0	0
4/21/1992	710	481	0	481	0	0
4/22/1992	701	472	0	472	0	0
4/23/1992	763	449	0	449	0	0
4/24/1992	713	463	0	463	0	0
4/25/1992	713	449	0	449	0	0
4/26/1992	747	456	0	456	0	0
4/27/1992	752	458	0	458	0	0
4/28/1992	726	467	0	467	0	0
4/29/1992	729	452	0	452	0	0
4/30/1992	731	454	0	454	0	0
5/1/1992	757	466	0	466	0	0
5/2/1992	772	466	0	466	0	0
5/3/1992	778	472	0	472	0	0
5/4/1992	784	474	0	474	0	0
5/5/1992	766	463	0	463	0	0
5/6/1992	766	483	0	483	0	0
5/7/1992	763	472	0	472	0	0
5/8/1992	802	496	0	496	0	0
5/9/1992	805	474	0	474	0	0
5/10/1992	811	478	0	478	0	0
5/11/1992	837	496	0	496	0	0
5/12/1992	833	494	0	494	0	0
5/13/1992	843	502	0	502	0	0
5/14/1992	843	500	0	500	0	0
5/15/1992	840	474	0	474	0	0
5/16/1992	840	463	0	463	0	0
5/17/1992	822	452	0	452	0	0
5/18/1992	840	457	0	457	0	0
5/19/1992	824	450	0	450	0	0
5/20/1992	824	441	0	441	0	0
5/21/1992	824	443	0	443	0	0
5/22/1992	805	439	0	439	0	0
5/23/1992	805	450	0	450	0	0
5/24/1992	803	449	0	449	0	0
5/25/1992	812	454	0	454	0	0

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Calculations for Shoshone Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
5/26/1992	796	436	0	436	0	0
5/27/1992	778	429	0	429	0	0
5/28/1992	852	432	0	432	0	0
5/29/1992	862	439	0	439	0	0
5/30/1992	859	437	0	437	0	0
5/31/1992	860	431	0	431	0	0
6/1/1992	866	435	0	0	0	0
6/2/1992	869	435	0	0	0	0
6/3/1992	869	435	0	0	0	0
6/4/1992	871	435	0	0	0	0
6/5/1992	874	440	0	0	0	0
6/6/1992	871	440	0	0	0	0
6/7/1992	871	440	0	0	0	0
6/8/1992	880	472	0	0	0	0
6/9/1992	877	472	0	0	0	0
6/10/1992	871	442	0	0	0	0
6/11/1992	871	442	0	0	0	0
6/12/1992	857	440	0	0	0	0
6/13/1992	894	454	0	0	0	0
6/14/1992	852	449	0	0	0	0
6/15/1992	888	449	0	0	0	0
6/16/1992	891	449	0	0	0	0
6/17/1992	903	461	0	0	0	0
6/18/1992	886	451	0	0	0	0
6/19/1992	869	438	0	0	0	0
6/20/1992	863	437	0	0	0	0
6/21/1992	855	433	0	0	0	0
6/22/1992	855	435	0	0	0	0
6/23/1992	855	435	0	0	0	0
6/24/1992	844	430	0	0	0	0
6/25/1992	852	442	0	0	0	0
6/26/1992	937	487	0	0	0	0
6/27/1992	920	478	0	0	0	0
6/28/1992	906	472	0	0	0	0
6/29/1992	906	478	0	0	0	0
6/30/1992	932	485	0	0	0	0
7/1/1992	934	489	0	0	0	0
7/2/1992	955	500	0	0	0	0
7/3/1992	955	509	0	0	0	0
7/4/1992	891	469	0	0	0	0
7/5/1992	869	458	0	0	0	0
7/6/1992	863	458	0	0	0	0
7/7/1992	768	461	0	0	0	0
7/8/1992	778	470	0	0	0	0
7/9/1992	755	456	0	0	0	0
7/10/1992	742	444	0	0	0	0
7/11/1992	752	463	0	0	0	0
7/12/1992	765	463	0	0	0	0
7/13/1992	765	461	0	0	0	0
7/14/1992	771	467	0	0	0	0
7/15/1992	773	469	0	0	0	0
7/16/1992	768	465	0	0	0	0
7/17/1992	778	461	0	0	0	0
7/18/1992	811	467	0	0	0	0
7/19/1992	857	478	0	0	0	0

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Calculations for Shoshone Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
7/20/1992	852	472	0	0	0	0
7/21/1992	874	481	0	0	0	0
7/22/1992	746	519	0	0	0	0
7/23/1992	737	513	0	0	0	0
7/24/1992	846	517	0	0	0	0
7/25/1992	841	513	0	0	0	0
7/26/1992	855	522	0	0	0	0
7/27/1992	855	522	0	0	0	0
7/28/1992	835	507	0	0	0	0
7/29/1992	827	521	0	0	0	0
7/30/1992	824	449	0	0	0	0
7/31/1992	844	456	0	0	0	0
8/1/1992	860	451	0	0	0	0
8/2/1992	860	451	0	0	0	0
8/3/1992	855	451	0	0	0	0
8/4/1992	860	454	0	0	0	0
8/5/1992	869	454	0	0	0	0
8/6/1992	869	454	0	0	0	0
8/7/1992	866	452	0	0	0	0
8/8/1992	874	454	0	0	0	0
8/9/1992	888	460	0	0	0	0
8/10/1992	877	458	0	0	0	0
8/11/1992	874	452	0	0	0	0
8/12/1992	923	460	0	0	0	0
8/13/1992	967	474	0	0	0	0
8/14/1992	979	528	0	0	0	0
8/15/1992	976	526	0	0	0	0
8/16/1992	973	528	0	0	0	0
8/17/1992	985	532	0	0	0	0
8/18/1992	985	532	0	0	0	0
8/19/1992	982	530	0	0	0	0
8/20/1992	979	526	0	0	0	0
8/21/1992	985	524	0	0	0	0
8/22/1992	985	526	0	0	0	0
8/23/1992	988	530	0	0	0	0
8/24/1992	997	532	0	0	0	0
8/25/1992	1009	540	0	0	0	0
8/26/1992	1021	534	0	0	0	0
8/27/1992	1033	546	0	0	0	0
8/28/1992	0	0	0	0	0	0
8/29/1992	0	0	0	0	0	0
8/30/1992	0	0	0	0	0	0
8/31/1992	0	0	0	0	0	0
9/1/1992	0	0	0	0	0	0
9/2/1992	0	0	0	0	0	0
9/3/1992	0	0	0	0	0	0
9/4/1992	0	0	0	0	0	0
9/5/1992	0	0	0	0	0	0
9/6/1992	0	0	0	0	0	0
9/7/1992	0	0	0	0	0	0
9/8/1992	0	0	0	0	0	0
9/9/1992	813	483	0	0	0	0
9/10/1992	846	476	0	0	0	0
9/11/1992	863	489	0	0	0	0
9/12/1992	852	479	0	0	0	0

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Calculations for Shoshone Site Flow
1992
Brockway Engineering, PLLC
3-Aug-18

Date	No. 53 Flow (cfs)	No. 56 Flow (cfs)	No. 57 Flow (cfs)	Recharge (cfs)	BWR/LWR Flow (cfs)	Volume (acft)
9/13/1992	835	474	0	0	0	0
9/14/1992	819	470	0	0	0	0
9/15/1992	800	467	0	0	0	0
9/16/1992	784	463	0	0	0	0
9/17/1992	781	476	0	0	0	0
9/18/1992	765	483	0	0	0	0
9/19/1992	752	485	0	0	0	0
9/20/1992	0	0	0	0	0	0
9/21/1992	0	0	0	0	0	0
9/22/1992	0	0	0	0	0	0
9/23/1992	0	0	0	0	0	0
9/24/1992	0	0	0	0	0	0
9/25/1992	0	0	0	0	0	0
9/26/1992	0	0	0	0	0	0
9/27/1992	0	0	0	0	0	0
9/28/1992	0	0	0	0	0	0
9/29/1992	0	0	0	0	0	0
9/30/1992	0	0	0	0	0	0
10/1/1992	0	0	0	0	0	0
10/2/1992	0	0	0	0	0	0
10/3/1992	0	0	0	0	0	0
10/4/1992	0	0	0	0	0	0
10/5/1992	0	0	0	0	0	0
10/6/1992	0	0	0	0	0	0
10/7/1992	0	0	0	0	0	0
10/8/1992	0	0	0	0	0	0
10/9/1992	0	0	0	0	0	0
10/10/1992	0	0	0	0	0	0
10/11/1992	0	0	0	0	0	0
10/12/1992	0	0	0	0	0	0
10/13/1992	0	0	0	0	0	0
10/14/1992	0	0	0	0	0	0
10/15/1992	0	0	0	0	0	0
10/16/1992	0	0	0	0	0	0
10/17/1992	0	0	0	0	0	0
10/18/1992	0	0	0	0	0	0
10/19/1992	0	0	0	0	0	0
10/20/1992	0	0	0	0	0	0
10/21/1992	0	0	0	0	0	0
10/22/1992	0	0	0	0	0	0
10/23/1992	0	0	0	0	0	0
10/24/1992	0	0	0	0	0	0
10/25/1992	0	0	0	0	0	0
10/26/1992	0	0	0	0	0	0
10/27/1992	0	0	0	0	0	0
10/28/1992	0	0	0	0	0	0
10/29/1992	0	0	0	0	0	0
10/30/1992	0	0	0	0	0	0
10/31/1992	0	0	0	0	0	0
					6	12
					Maximum	Total

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Appendix N
Spreadsheet Calculations of Richfield Canal Flows

Calculations for Richfield Canal Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1982	65	0	0	0	0	65	129
4/2/1982	66	0	0	0	0	66	131
4/3/1982	68	0	0	0	0	68	135
4/4/1982	69	0	0	0	0	69	137
4/5/1982	70	0	0	0	0	70	139
4/6/1982	72	0	0	0	0	72	143
4/7/1982	74	0	0	0	0	74	147
4/8/1982	74	0	0	0	0	74	147
4/9/1982	71	0	0	0	0	71	141
4/10/1982	71	0	0	0	0	71	141
4/11/1982	71	0	0	0	0	71	141
4/12/1982	71	0	0	0	0	71	141
4/13/1982	83	0	0	0	0	83	165
4/14/1982	85	0	0	0	0	85	169
4/15/1982	85	0	0	0	0	85	169
4/16/1982	86	0	0	0	0	86	171
4/17/1982	86	0	0	0	0	86	171
4/18/1982	71	0	0	0	0	71	141
4/19/1982	71	0	0	0	0	71	141
4/20/1982	87	0	0	0	0	87	173
4/21/1982	70	0	0	0	0	70	139
4/22/1982	56	0	0	0	0	56	111
4/23/1982	66	0	0	0	0	66	131
4/24/1982	69	0	0	0	0	69	137
4/25/1982	70	0	0	0	0	70	139
4/26/1982	70	0	0	0	0	70	139
4/27/1982	92	0	0	0	0	92	182
4/28/1982	106	0	0	0	0	106	210
4/29/1982	110	0	0	0	0	110	218
4/30/1982	106	0	0	0	0	106	210
5/1/1982	101	0	0	0	0	0	0
5/2/1982	95	0	0	0	0	0	0
5/3/1982	139	0	0	0	0	0	0
5/4/1982	188	100	45	0	0	0	0
5/5/1982	177	107	50	29	22	0	0
5/6/1982	252	153	55	32	31	0	0
5/7/1982	231	146	53	32	40	0	0
5/8/1982	226	136	53	30	27	0	0
5/9/1982	223	123	51	26	22	0	0
5/10/1982	276	151	63	44	37	0	0
5/11/1982	300	112	67	22	31	0	0
5/12/1982	274	167	66	23	24	0	0
5/13/1982	300	165	66	22	22	0	0
5/14/1982	370	199	88	28	34	0	0
5/15/1982	368	195	85	32	37	0	0
5/16/1982	370	194	84	32	34	0	0
5/17/1982	370	194	84	31	34	0	0
5/18/1982	410	220	94	33	59	0	0
5/19/1982	448	220	94	36	60	0	0
5/20/1982	410	236	90	18	40	0	0
5/21/1982	462	242	94	64	87	0	0
5/22/1982	460	239	91	64	100	0	0
5/23/1982	466	237	90	62	100	0	0
5/24/1982	462	247	97	42	93	0	0

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Calculations for Richfield Canal Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/25/1982	456	240	102	41	107	0	0
5/26/1982	511	264	112	62	141	0	0
5/27/1982	509	266	125	52	127	0	0
5/28/1982	511	269	125	53	134	0	0
5/29/1982	561	287	122	73	162	0	0
5/30/1982	606	279	119	147	165	0	0
5/31/1982	608	290	123	106	162	0	0
6/1/1982	646	300	140	128	155	0	0
6/2/1982	629	300	142	124	162	0	0
6/3/1982	648	303	142	116	200	0	0
6/4/1982	648	302	142	122	186	0	0
6/5/1982	601	305	144	76	134	0	0
6/6/1982	542	325	142	40	90	0	0
6/7/1982	542	298	142	36	83	0	0
6/8/1982	540	300	144	36	80	0	0
6/9/1982	542	295	144	38	67	0	0
6/10/1982	547	284	142	46	80	0	0
6/11/1982	542	287	142	47	74	0	0
6/12/1982	542	290	142	40	67	0	0
6/13/1982	545	292	142	41	80	0	0
6/14/1982	554	248	146	22	67	0	0
6/15/1982	554	290	145	40	80	0	0
6/16/1982	617	300	154	79	117	0	0
6/17/1982	518	298	155	74	124	0	0
6/18/1982	520	305	165	57	100	0	0
6/19/1982	520	305	171	50	97	0	0
6/20/1982	522	313	170	49	104	0	0
6/21/1982	525	305	167	52	100	0	0
6/22/1982	525	305	167	52	100	0	0
6/23/1982	527	303	168	46	93	0	0
6/24/1982	531	307	170	49	97	0	0
6/25/1982	531	303	167	59	100	0	0
6/26/1982	525	307	167	44	90	0	0
6/27/1982	540	312	165	40	77	0	0
6/28/1982	540	305	164	40	80	0	0
6/29/1982	542	307	162	42	80	0	0
6/30/1982	547	303	161	42	87	0	0
7/1/1982	549	308	163	41	100	0	0
7/2/1982	554	303	162	46	87	0	0
7/3/1982	558	305	161	41	107	0	0
7/4/1982	554	305	162	41	110	0	0
7/5/1982	565	284	151	57	121	0	0
7/6/1982	563	287	152	56	110	0	0
7/7/1982	579	313	167	63	127	0	0
7/8/1982	579	311	170	73	141	0	0
7/9/1982	574	304	170	76	134	0	0
7/10/1982	525	291	156	65	114	0	0
7/11/1982	547	290	161	66	107	0	0
7/12/1982	545	295	161	60	100	0	0
7/13/1982	527	294	161	54	97	0	0
7/14/1982	579	298	162	93	134	0	0
7/15/1982	577	292	160	91	127	0	0
7/16/1982	574	295	156	83	121	0	0
7/17/1982	644	318	167	108	141	0	0

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Calculations for Richfield Canal Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/18/1982	653	0	0	108	148	0	0
7/19/1982	641	316	166	106	144	0	0
7/20/1982	644	316	165	108	138	0	0
7/21/1982	641	308	165	104	127	0	0
7/22/1982	683	321	172	124	141	0	0
7/23/1982	688	326	172	116	141	0	0
7/24/1982	683	326	173	116	141	0	0
7/25/1982	678	327	173	116	144	0	0
7/26/1982	702	326	174	120	148	0	0
7/27/1982	702	322	174	118	158	0	0
7/28/1982	707	327	173	116	176	0	0
7/29/1982	705	326	172	118	162	0	0
7/30/1982	683	324	174	150	179	0	0
7/31/1982	656	322	172	126	165	0	0
8/1/1982	651	320	167	126	168	0	0
8/2/1982	651	321	164	124	165	0	0
8/3/1982	653	321	166	124	155	0	0
8/4/1982	591	305	158	86	12	0	0
8/5/1982	615	309	158	88	107	0	0
8/6/1982	615	308	154	90	110	0	0
8/7/1982	617	305	156	90	110	0	0
8/8/1982	615	0	0	88	107	0	0
8/9/1982	615	309	151	88	110	0	0
8/10/1982	617	307	151	86	100	0	0
8/11/1982	617	316	158	74	87	0	0
8/12/1982	620	314	155	73	90	0	0
8/13/1982	620	313	160	73	93	0	0
8/14/1982	620	314	158	73	90	0	0
8/15/1982	608	0	0	74	90	0	0
8/16/1982	627	312	156	74	87	0	0
8/17/1982	627	313	155	73	87	0	0
8/18/1982	656	311	156	90	107	0	0
8/19/1982	653	309	158	93	117	0	0
8/20/1982	656	311	152	88	114	0	0
8/21/1982	620	303	150	93	124	0	0
8/22/1982	612	0	0	91	131	0	0
8/23/1982	622	305	150	90	131	0	0
8/24/1982	622	304	151	90	124	0	0
8/25/1982	627	302	148	90	124	0	0
8/26/1982	627	302	148	90	124	0	0
8/27/1982	627	303	149	90	117	0	0
8/28/1982	629	308	143	84	110	0	0
8/29/1982	606	0	0	81	121	0	0
8/30/1982	629	307	143	81	127	0	0
8/31/1982	598	311	144	49	93	0	0
9/1/1982	591	295	138	47	93	0	0
9/2/1982	593	302	137	47	97	0	0
9/3/1982	593	295	137	59	97	0	0
9/4/1982	549	281	133	40	60	0	0
9/5/1982	518	0	0	40	64	0	0
9/6/1982	518	284	136	40	59	0	0
9/7/1982	518	286	135	38	59	0	0
9/8/1982	470	269	128	17	27	0	0
9/9/1982	470	270	130	18	17	0	0

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Calculations for Richfield Canal Flow
1982
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/10/1982	472	258	118	34	40	0	0
9/11/1982	470	253	118	35	50	0	0
9/12/1982	482	0	0	34	54	0	0
9/13/1982	472	253	118	35	60	0	0
9/14/1982	474	257	119	35	70	0	0
9/15/1982	472	252	118	35	74	0	0
9/16/1982	474	251	115	33	67	0	0
9/17/1982	474	251	121	34	64	0	0
9/18/1982	474	256	121	34	67	0	0
9/19/1982	490	0	0	34	70	0	0
9/20/1982	476	256	120	35	74	0	0
9/21/1982	476	258	121	34	70	0	0
9/22/1982	479	258	121	36	64	0	0
9/23/1982	446	239	118	26	47	0	0
9/24/1982	446	238	115	26	47	0	0
9/25/1982	446	240	116	25	50	0	0
9/26/1982	494	0	0	25	60	0	0
9/27/1982	446	238	114	25	59	0	0
9/28/1982	444	247	114	25	60	0	0
9/29/1982	446	240	118	32	64	0	0
9/30/1982	446	242	116	33	64	0	0
10/1/1982	0	0	0	0	0	0	0
10/2/1982	0	0	0	0	0	0	0
10/3/1982	0	0	0	0	0	0	0
10/4/1982	0	0	0	0	0	0	0
10/5/1982	0	0	0	0	0	0	0
10/6/1982	0	0	0	0	0	0	0
10/7/1982	0	0	0	0	0	0	0
10/8/1982	0	0	0	0	0	0	0
10/9/1982	0	0	0	0	0	0	0
10/10/1982	0	0	0	0	0	0	0
10/11/1982	0	0	0	0	0	0	0
10/12/1982	0	0	0	0	0	0	0
10/13/1982	0	0	0	0	0	0	0
10/14/1982	0	0	0	0	0	0	0
10/15/1982	0	0	0	0	0	0	0
10/16/1982	0	0	0	0	0	0	0
10/17/1982	0	0	0	0	0	0	0
10/18/1982	0	0	0	0	0	0	0
10/19/1982	0	0	0	0	0	0	0
10/20/1982	0	0	0	0	0	0	0
10/21/1982	0	0	0	0	0	0	0
10/22/1982	0	0	0	0	0	0	0
10/23/1982	0	0	0	0	0	0	0
10/24/1982	0	0	0	0	0	0	0
10/25/1982	0	0	0	0	0	0	0
10/26/1982	0	0	0	0	0	0	0
10/27/1982	0	0	0	0	0	0	0
10/28/1982	0	0	0	0	0	0	0
10/29/1982	0	0	0	0	0	0	0
10/30/1982	0	0	0	0	0	0	0
10/31/1982	0	0	0	0	0	0	0
						110	4584
						Maximum	Total

IWRB00003546

Calculations for Richfield Canal Flow
1983
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1983	68	0	0	0	0	68	135
4/2/1983	67	0	0	0	0	67	133
4/3/1983	67	0	0	0	0	67	133
4/4/1983	68	0	0	0	0	68	135
4/5/1983	68	0	0	0	0	68	135
4/6/1983	68	0	0	0	0	68	135
4/7/1983	68	0	0	0	0	68	135
4/8/1983	69	0	0	0	0	69	137
4/9/1983	69	0	0	0	0	69	137
4/10/1983	69	0	0	0	0	69	137
4/11/1983	69	0	0	0	0	69	137
4/12/1983	69	0	0	0	0	69	137
4/13/1983	69	0	0	0	0	69	137
4/14/1983	69	0	0	0	0	69	137
4/15/1983	69	0	0	0	0	69	137
4/16/1983	69	0	0	0	0	69	137
4/17/1983	69	0	0	0	0	69	137
4/18/1983	69	0	0	0	0	69	137
4/19/1983	69	0	0	0	0	69	137
4/20/1983	69	0	0	0	0	69	137
4/21/1983	83	0	0	0	0	83	165
4/22/1983	78	0	0	0	0	78	155
4/23/1983	80	0	0	0	0	80	159
4/24/1983	79	0	0	0	0	79	157
4/25/1983	79	0	0	0	0	79	157
4/26/1983	84	0	0	0	0	84	167
4/27/1983	78	0	0	0	0	78	155
4/28/1983	84	0	0	0	0	84	167
4/29/1983	78	0	0	0	0	78	155
4/30/1983	84	0	0	0	0	84	167
5/1/1983	67	0	0	0	0	0	0
5/2/1983	92	0	0	0	0	0	0
5/3/1983	183	0	48	0	0	0	0
5/4/1983	278	201	60	34	103	0	0
5/5/1983	212	110	55	26	89	0	0
5/6/1983	195	103	55	30	101	0	0
5/7/1983	190	95	53	28	89	0	0
5/8/1983	188	0	0	29	86	0	0
5/9/1983	185	103	60	18	63	0	0
5/10/1983	190	103	60	19	60	0	0
5/11/1983	185	103	61	17	54	0	0
5/12/1983	210	117	72	15	57	0	0
5/13/1983	210	117	73	16	57	0	0
5/14/1983	210	127	72	11	57	0	0
5/15/1983	210	0	0	11	57	0	0
5/16/1983	212	125	73	12	57	0	0
5/17/1983	210	141	74	8	48	0	0
5/18/1983	212	146	79	8	43	0	0
5/19/1983	212	146	78	8	35	0	0
5/20/1983	324	170	90	22	65	0	0
5/21/1983	380	196	103	30	89	0	0
5/22/1983	382	0	0	28	92	0	0
5/23/1983	376	206	104	23	83	0	0
5/24/1983	378	218	108	10	54	0	0
5/25/1983	476	255	142	24	116	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1983	531	262	135	74	134	0	0
5/27/1983	529	283	142	45	125	0	0
5/28/1983	624	299	166	101	167	0	0
5/29/1983	622	305	167	79	150	0	0
5/30/1983	620	305	170	74	150	0	0
5/31/1983	632	309	170	73	150	0	0
6/1/1983	639	325	186	57	114	0	0
6/2/1983	615	311	181	53	131	0	0
6/3/1983	612	312	178	53	138	0	0
6/4/1983	612	317	178	52	134	0	0
6/5/1983	61	312	178	54	122	0	0
6/6/1983	609	312	178	46	119	0	0
6/7/1983	610	314	179	44	107	0	0
6/8/1983	596	302	167	53	107	0	0
6/9/1983	577	303	165	44	107	0	0
6/10/1983	574	304	167	44	107	0	0
6/11/1983	574	312	171	34	104	0	0
6/12/1983	574	313	172	34	104	0	0
6/13/1983	574	312	171	33	98	0	0
6/14/1983	568	311	170	34	101	0	0
6/15/1983	577	305	170	47	110	0	0
6/16/1983	574	305	168	46	104	0	0
6/17/1983	563	299	165	44	101	0	0
6/18/1983	577	303	167	46	104	0	0
6/19/1983	577	307	171	41	101	0	0
6/20/1983	579	303	170	44	107	0	0
6/21/1983	579	299	168	44	104	0	0
6/22/1983	577	294	167	41	98	0	0
6/23/1983	504	292	168	42	110	0	0
6/24/1983	496	288	156	46	101	0	0
6/25/1983	504	292	163	44	101	0	0
6/26/1983	494	295	167	46	107	0	0
6/27/1983	494	292	165	45	116	0	0
6/28/1983	494	291	163	46	119	0	0
6/29/1983	492	294	163	44	104	0	0
6/30/1983	488	282	161	44	110	0	0
7/1/1983	472	0	0	44	95	0	0
7/2/1983	504	0	0	34	147	0	0
7/3/1983	507	0	0	54	150	0	0
7/4/1983	509	0	0	47	138	0	0
7/5/1983	500	0	0	50	138	0	0
7/6/1983	586	0	0	71	150	0	0
7/7/1983	586	0	0	76	163	0	0
7/8/1983	586	0	0	73	144	0	0
7/9/1983	588	0	0	73	144	0	0
7/10/1983	572	0	0	59	147	0	0
7/11/1983	570	0	0	62	144	0	0
7/12/1983	577	0	0	54	131	0	0
7/13/1983	561	0	0	53	144	0	0
7/14/1983	554	0	0	50	131	0	0
7/15/1983	610	0	0	97	170	0	0
7/16/1983	601	0	0	79	163	0	0
7/17/1983	601	0	0	84	150	0	0
7/18/1983	601	0	0	84	157	0	0
7/19/1983	596	0	0	81	141	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1983	624	0	0	74	134	0	0
7/21/1983	648	0	0	120	174	0	0
7/22/1983	651	0	0	126	187	0	0
7/23/1983	651	0	0	108	180	0	0
7/24/1983	648	0	0	108	174	0	0
7/25/1983	646	0	0	108	174	0	0
7/26/1983	646	0	0	104	160	0	0
7/27/1983	646	0	0	97	160	0	0
7/28/1983	646	0	0	101	154	0	0
7/29/1983	646	0	0	101	154	0	0
7/30/1983	639	0	0	101	150	0	0
7/31/1983	639	0	0	101	141	0	0
8/1/1983	636	0	0	83	147	0	0
8/2/1983	637	0	0	84	147	0	0
8/3/1983	634	0	0	84	144	0	0
8/4/1983	636	0	0	83	141	0	0
8/5/1983	636	0	0	86	141	0	0
8/6/1983	639	0	0	84	147	0	0
8/7/1983	636	0	0	84	144	0	0
8/8/1983	634	0	0	83	154	0	0
8/9/1983	634	0	0	83	154	0	0
8/10/1983	639	0	0	88	154	0	0
8/11/1983	636	0	0	93	154	0	0
8/12/1983	636	0	0	102	160	0	0
8/13/1983	634	0	0	97	207	0	0
8/14/1983	670	0	0	95	167	0	0
8/15/1983	653	0	0	93	167	0	0
8/16/1983	636	0	0	97	180	0	0
8/17/1983	634	0	0	112	201	0	0
8/18/1983	636	0	0	124	208	0	0
8/19/1983	644	0	0	124	194	0	0
8/20/1983	636	0	0	128	216	0	0
8/21/1983	641	0	0	128	223	0	0
8/22/1983	636	0	0	112	238	0	0
8/23/1983	596	0	0	156	254	0	0
8/24/1983	574	0	0	112	208	0	0
8/25/1983	577	0	0	112	208	0	0
8/26/1983	529	0	0	128	230	0	0
8/27/1983	496	0	0	93	187	0	0
8/28/1983	496	0	0	76	170	0	0
8/29/1983	500	0	0	68	167	0	0
8/30/1983	502	0	0	73	174	0	0
8/31/1983	502	0	0	76	163	0	0
9/1/1983	520	256	118	76	160	0	0
9/2/1983	522	261	121	73	150	0	0
9/3/1983	525	256	121	76	154	0	0
9/4/1983	498	0	0	76	154	0	0
9/5/1983	527	257	118	73	154	0	0
9/6/1983	527	261	118	74	154	0	0
9/7/1983	531	26	118	73	147	0	0
9/8/1983	533	262	118	73	147	0	0
9/9/1983	536	257	119	71	134	0	0
9/10/1983	538	261	118	71	131	0	0
9/11/1983	494	0	0	71	128	0	0
9/12/1983	545	266	121	60	110	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1983	547	264	120	59	110	0	0
9/14/1983	549	264	120	60	122	0	0
9/15/1983	549	269	120	53	128	0	0
9/16/1983	496	269	121	57	128	0	0
9/17/1983	500	265	118	54	122	0	0
9/18/1983	504	0	0	53	122	0	0
9/19/1983	500	264	118	50	110	0	0
9/20/1983	507	268	120	52	107	0	0
9/21/1983	470	266	120	19	104	0	0
9/22/1983	472	256	110	42	110	0	0
9/23/1983	472	255	111	40	104	0	0
9/24/1983	472	266	109	35	98	0	0
9/25/1983	474	0	0	28	98	0	0
9/26/1983	476	265	112	28	110	0	0
9/27/1983	476	269	110	30	116	0	0
9/28/1983	474	255	111	30	110	0	0
9/29/1983	476	255	111	29	110	0	0
9/30/1983	476	270	112	31	110	0	0
10/1/1983	0	0	0	0	0	0	0
10/2/1983	0	0	0	0	0	0	0
10/3/1983	0	0	0	0	0	0	0
10/4/1983	0	0	0	0	0	0	0
10/5/1983	0	0	0	0	0	0	0
10/6/1983	0	0	0	0	0	0	0
10/7/1983	0	0	0	0	0	0	0
10/8/1983	0	0	0	0	0	0	0
10/9/1983	0	0	0	0	0	0	0
10/10/1983	0	0	0	0	0	0	0
10/11/1983	0	0	0	0	0	0	0
10/12/1983	0	0	0	0	0	0	0
10/13/1983	0	0	0	0	0	0	0
10/14/1983	0	0	0	0	0	0	0
10/15/1983	0	0	0	0	0	0	0
10/16/1983	0	0	0	0	0	0	0
10/17/1983	0	0	0	0	0	0	0
10/18/1983	0	0	0	0	0	0	0
10/19/1983	0	0	0	0	0	0	0
10/20/1983	0	0	0	0	0	0	0
10/21/1983	0	0	0	0	0	0	0
10/22/1983	0	0	0	0	0	0	0
10/23/1983	0	0	0	0	0	0	0
10/24/1983	0	0	0	0	0	0	0
10/25/1983	0	0	0	0	0	0	0
10/26/1983	0	0	0	0	0	0	0
10/27/1983	0	0	0	0	0	0	0
10/28/1983	0	0	0	0	0	0	0
10/29/1983	0	0	0	0	0	0	0
10/30/1983	0	0	0	0	0	0	0
10/31/1983	0	0	0	0	0	0	0
						84	4320
						Maximum	Total

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1984	0	0	0	0	0	0	0
4/2/1984	0	0	0	0	0	0	0
4/3/1984	0	0	0	0	0	0	0
4/4/1984	0	0	0	0	0	0	0
4/5/1984	0	0	0	0	0	0	0
4/6/1984	0	0	0	0	0	0	0
4/7/1984	0	0	0	0	0	0	0
4/8/1984	0	0	0	0	0	0	0
4/9/1984	0	0	0	0	0	0	0
4/10/1984	0	0	0	0	0	0	0
4/11/1984	0	0	0	0	0	0	0
4/12/1984	0	0	0	0	0	0	0
4/13/1984	0	0	0	0	0	0	0
4/14/1984	0	0	0	0	0	0	0
4/15/1984	0	0	0	0	0	0	0
4/16/1984	0	0	0	0	0	0	0
4/17/1984	38	0	0	0	0	38	75
4/18/1984	38	0	0	0	0	38	75
4/19/1984	40	0	0	0	0	40	79
4/20/1984	40	0	0	0	0	40	79
4/21/1984	44	0	0	0	0	44	87
4/22/1984	49	0	0	0	0	49	97
4/23/1984	61	0	0	0	0	61	121
4/24/1984	54	0	0	0	0	54	107
4/25/1984	55	0	0	0	0	55	109
4/26/1984	48	0	0	0	0	48	95
4/27/1984	46	0	0	0	0	46	91
4/28/1984	63	0	0	0	0	63	125
4/29/1984	62	0	0	0	0	62	123
4/30/1984	59	0	0	0	0	59	117
5/1/1984	58	0	0	0	107	0	0
5/2/1984	133	0	0	0	107	0	0
5/3/1984	226	153	62	12	107	0	0
5/4/1984	244	172	64	15	107	0	0
5/5/1984	240	151	62	24	117	0	0
5/6/1984	244	0	0	24	115	0	0
5/7/1984	244	153	62	24	107	0	0
5/8/1984	239	153	62	22	107	0	0
5/9/1984	238	160	69	24	107	0	0
5/10/1984	250	158	69	22	107	0	0
5/11/1984	274	170	72	18	107	0	0
5/12/1984	301	190	81	26	107	0	0
5/13/1984	314	0	0	36	123	0	0
5/14/1984	327	194	95	44	123	0	0
5/15/1984	363	213	105	52	128	0	0
5/16/1984	474	247	110	56	132	0	0
5/17/1984	372	237	108	49	134	0	0
5/18/1984	372	235	107	49	128	0	0
5/19/1984	376	244	113	40	123	0	0
5/20/1984	376	0	0	32	121	0	0
5/21/1984	379	249	124	26	105	0	0
5/22/1984	372	247	122	28	94	0	0
5/23/1984	370	262	129	16	96	0	0
5/24/1984	401	264	129	17	140	0	0
5/25/1984	421	270	129	49	134	0	0
5/26/1984	419	270	129	49	108	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/27/1984	421	0	0	34	123	0	0
5/28/1984	462	286	130	33	149	0	0
5/29/1984	462	288	138	60	143	0	0
5/30/1984	478	307	143	47	140	0	0
5/31/1984	489	312	160	56	140	0	0
6/1/1984	482	304	152	60	146	0	0
6/2/1984	482	313	160	52	143	0	0
6/3/1984	482	313	160	52	146	0	0
6/4/1984	482	313	159	54	166	0	0
6/5/1984	494	312	164	57	173	0	0
6/6/1984	496	318	166	57	180	0	0
6/7/1984	496	311	161	71	177	0	0
6/8/1984	485	302	158	78	167	0	0
6/9/1984	487	295	158	71	173	0	0
6/10/1984	489	0	0	71	189	0	0
6/11/1984	485	305	160	73	189	0	0
6/12/1984	484	299	158	71	180	0	0
6/13/1984	478	288	155	76	183	0	0
6/14/1984	480	287	153	74	180	0	0
6/15/1984	478	287	151	74	173	0	0
6/16/1984	102	287	151	73	167	0	0
6/17/1984	522	0	0	71	164	0	0
6/18/1984	520	295	155	70	158	0	0
6/19/1984	522	283	149	76	158	0	0
6/20/1984	522	286	153	73	161	0	0
6/21/1984	516	286	152	78	158	0	0
6/22/1984	524	268	153	79	152	0	0
6/23/1984	546	312	166	57	152	0	0
6/24/1984	538	0	0	54	146	0	0
6/25/1984	542	311	165	52	140	0	0
6/26/1984	578	312	167	57	173	0	0
6/27/1984	592	309	166	99	167	0	0
6/28/1984	594	330	165	104	158	0	0
6/29/1984	594	307	170	101	149	0	0
6/30/1984	594	311	168	93	149	0	0
7/1/1984	596	0	0	90	149	0	0
7/2/1984	598	0	0	88	149	0	0
7/3/1984	606	0	0	86	149	0	0
7/4/1984	608	0	0	57	132	0	0
7/5/1984	625	0	0	66	128	0	0
7/6/1984	647	0	0	101	155	0	0
7/7/1984	649	0	0	104	161	0	0
7/8/1984	658	0	0	106	161	0	0
7/9/1984	642	0	0	108	177	0	0
7/10/1984	644	0	0	88	155	0	0
7/11/1984	600	0	0	81	140	0	0
7/12/1984	560	0	0	101	155	0	0
7/13/1984	558	0	0	70	134	0	0
7/14/1984	620	0	0	101	149	0	0
7/15/1984	631	0	0	112	167	0	0
7/16/1984	633	0	0	124	186	0	0
7/17/1984	633	0	0	122	173	0	0
7/18/1984	633	0	0	112	167	0	0
7/19/1984	629	0	0	102	155	0	0
7/20/1984	629	0	0	95	149	0	0
7/21/1984	631	0	0	134	167	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/22/1984	636	0	0	128	170	0	0
7/23/1984	636	0	0	118	173	0	0
7/24/1984	640	0	0	104	164	0	0
7/25/1984	647	0	0	104	167	0	0
7/26/1984	651	0	0	97	155	0	0
7/27/1984	653	0	0	97	161	0	0
7/28/1984	653	0	0	95	193	0	0
7/29/1984	653	0	0	95	170	0	0
7/30/1984	622	0	0	93	180	0	0
7/31/1984	666	0	0	93	180	0	0
8/1/1984	644	324	161	95	180	0	0
8/2/1984	631	317	158	102	180	0	0
8/3/1984	612	308	151	84	167	0	0
8/4/1984	608	307	152	84	158	0	0
8/5/1984	610	0	0	84	158	0	0
8/6/1984	594	0	0	86	161	0	0
8/7/1984	556	311	153	57	155	0	0
8/8/1984	540	303	149	52	128	0	0
8/9/1984	542	303	151	53	123	0	0
8/10/1984	542	311	147	53	117	0	0
8/11/1984	546	308	149	53	117	0	0
8/12/1984	542	0	0	40	117	0	0
8/13/1984	544	313	150	41	102	0	0
8/14/1984	565	311	150	76	107	0	0
8/15/1984	586	313	151	73	137	0	0
8/16/1984	596	303	153	79	143	0	0
8/17/1984	596	308	150	79	152	0	0
8/18/1984	596	305	148	76	152	0	0
8/19/1984	596	0	0	65	155	0	0
8/20/1984	598	313	151	68	146	0	0
8/21/1984	582	312	151	68	146	0	0
8/22/1984	588	311	149	70	146	0	0
8/23/1984	580	311	151	68	149	0	0
8/24/1984	582	312	149	68	140	0	0
8/25/1984	586	313	151	68	140	0	0
8/26/1984	588	0	0	71	146	0	0
8/27/1984	590	307	147	70	146	0	0
8/28/1984	590	304	144	70	146	0	0
8/29/1984	588	304	145	70	143	0	0
8/30/1984	590	303	145	70	149	0	0
8/31/1984	582	303	147	70	167	0	0
9/1/1984	578	308	141	52	152	0	0
9/2/1984	580	0	0	57	152	0	0
9/3/1984	580	300	128	62	152	0	0
9/4/1984	582	296	128	59	149	0	0
9/5/1984	578	290	128	70	128	0	0
9/6/1984	558	283	126	32	113	0	0
9/7/1984	562	284	130	32	115	0	0
9/8/1984	558	273	120	40	123	0	0
9/9/1984	558	0	0	44	128	0	0
9/10/1984	560	264	119	47	134	0	0
9/11/1984	562	264	118	47	134	0	0
9/12/1984	566	51	113	60	137	0	0
9/13/1984	566	251	112	60	140	0	0
9/14/1984	566	253	111	57	137	0	0
9/15/1984	566	253	115	57	140	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/16/1984	566	0	0	57	140	0	0
9/17/1984	566	255	113	62	134	0	0
9/18/1984	566	258	117	54	128	0	0
9/19/1984	562	273	117	40	121	0	0
9/20/1984	564	279	126	28	113	0	0
9/21/1984	564	278	128	31	117	0	0
9/22/1984	566	277	124	34	126	0	0
9/23/1984	564	0	0	33	128	0	0
9/24/1984	564	277	126	33	134	0	0
9/25/1984	562	278	128	33	137	0	0
9/26/1984	562	262	115	54	158	0	0
9/27/1984	562	265	115	51	152	0	0
9/28/1984	532	256	116	34	128	0	0
9/29/1984	534	0	0	34	128	0	0
9/30/1984	532	0	0	34	128	0	0
10/1/1984	510	253	115	34	128	0	0
10/2/1984	506	253	116	34	128	0	0
10/3/1984	508	246	115	34	128	0	0
10/4/1984	504	244	115	34	128	0	0
10/5/1984	504	273	115	34	128	0	0
10/6/1984	0	0	0	0	0	0	0
10/7/1984	0	0	0	0	0	0	0
10/8/1984	0	0	0	0	0	0	0
10/9/1984	0	0	0	0	0	0	0
10/10/1984	0	0	0	0	0	0	0
10/11/1984	0	0	0	0	0	0	0
10/12/1984	0	0	0	0	0	0	0
10/13/1984	0	0	0	0	0	0	0
10/14/1984	0	0	0	0	0	0	0
10/15/1984	0	0	0	0	0	0	0
10/16/1984	0	0	0	0	0	0	0
10/17/1984	0	0	0	0	0	0	0
10/18/1984	0	0	0	0	0	0	0
10/19/1984	0	0	0	0	0	0	0
10/20/1984	0	0	0	0	0	0	0
10/21/1984	0	0	0	0	0	0	0
10/22/1984	0	0	0	0	0	0	0
10/23/1984	0	0	0	0	0	0	0
10/24/1984	0	0	0	0	0	0	0
10/25/1984	0	0	0	0	0	0	0
10/26/1984	0	0	0	0	0	0	0
10/27/1984	0	0	0	0	0	0	0
10/28/1984	0	0	0	0	0	0	0
10/29/1984	0	0	0	0	0	0	0
10/30/1984	0	0	0	0	0	0	0
10/31/1984	0	0	0	0	0	0	0
						63	1382

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1985	0	0	0	0	0	0	0
4/2/1985	0	0	0	0	0	0	0
4/3/1985	0	0	0	0	0	0	0
4/4/1985	0	0	0	0	0	0	0
4/5/1985	0	0	0	0	0	0	0
4/6/1985	0	0	0	0	0	0	0
4/7/1985	0	0	0	0	0	0	0
4/8/1985	0	0	0	0	0	0	0
4/9/1985	0	0	0	0	0	0	0
4/10/1985	0	0	0	0	0	0	0
4/11/1985	58	0	0	0	0	58	115
4/12/1985	58	0	0	0	0	58	115
4/13/1985	58	0	0	0	0	58	115
4/14/1985	58	0	0	0	0	58	115
4/15/1985	58	0	0	0	0	58	115
4/16/1985	58	0	0	0	0	58	115
4/17/1985	56	0	0	0	0	56	111
4/18/1985	43	0	0	0	0	43	85
4/19/1985	71	0	0	0	0	71	141
4/20/1985	71	0	0	0	0	71	141
4/21/1985	34	0	0	0	0	34	67
4/22/1985	39	0	0	0	0	39	77
4/23/1985	51	0	0	0	0	51	101
4/24/1985	51	0	0	0	0	51	101
4/25/1985	44	0	0	0	0	44	87
4/26/1985	49	0	0	0	0	49	97
4/27/1985	49	0	0	0	0	49	97
4/28/1985	49	0	0	0	0	49	97
4/29/1985	49	0	0	0	0	49	97
4/30/1985	42	0	0	0	0	42	83
5/1/1985	137	0	0	7	0	0	0
5/2/1985	182	0	0	7	0	0	0
5/3/1985	163	0	0	12	0	0	0
5/4/1985	307	0	0	74	0	0	0
5/5/1985	310	0	0	74	0	0	0
5/6/1985	307	0	0	74	127	0	0
5/7/1985	333	0	0	46	113	0	0
5/8/1985	382	0	0	84	143	0	0
5/9/1985	476	0	0	91	154	0	0
5/10/1985	504	0	0	132	165	0	0
5/11/1985	502	0	0	141	165	0	0
5/12/1985	504	0	0	139	204	0	0
5/13/1985	504	0	0	136	209	0	0
5/14/1985	504	0	0	136	211	0	0
5/15/1985	506	0	0	136	228	0	0
5/16/1985	507	0	0	136	221	0	0
5/17/1985	506	0	0	124	207	0	0
5/18/1985	506	0	0	124	207	0	0
5/19/1985	506	0	0	126	202	0	0
5/20/1985	506	0	0	128	237	0	0
5/21/1985	506	0	0	128	204	0	0
5/22/1985	506	0	0	114	195	0	0
5/23/1985	502	0	0	114	189	0	0
5/24/1985	504	0	0	93	165	0	0
5/25/1985	504	0	0	93	157	0	0

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Calculations for Richfield Canal Flow
1985
Brockway Engineering, PLLC
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1985	502	0	0	78	151	0	0
5/27/1985	504	0	0	81	143	0	0
5/28/1985	511	0	0	84	138	0	0
5/29/1985	533	0	0	74	136	0	0
5/30/1985	529	0	0	108	157	0	0
5/31/1985	556	0	0	86	159	0	0
6/1/1985	578	0	0	132	199	0	0
6/2/1985	578	0	0	139	204	0	0
6/3/1985	576	0	0	145	211	0	0
6/4/1985	576	0	0	145	209	0	0
6/5/1985	576	0	0	143	207	0	0
6/6/1985	578	0	0	130	193	0	0
6/7/1985	576	0	0	130	193	0	0
6/8/1985	578	0	0	130	186	0	0
6/9/1985	578	0	0	130	193	0	0
6/10/1985	578	0	0	130	186	0	0
6/11/1985	588	0	0	130	176	0	0
6/12/1985	588	0	0	120	170	0	0
6/13/1985	588	0	0	120	166	0	0
6/14/1985	588	0	0	120	168	0	0
6/15/1985	590	0	0	112	163	0	0
6/16/1985	588	0	0	112	165	0	0
6/17/1985	592	0	0	106	161	0	0
6/18/1985	593	0	0	99	151	0	0
6/19/1985	592	0	0	99	150	0	0
6/20/1985	599	0	0	99	153	0	0
6/21/1985	599	0	0	99	151	0	0
6/22/1985	599	0	0	99	150	0	0
6/23/1985	599	0	0	99	149	0	0
6/24/1985	606	0	0	99	151	0	0
6/25/1985	637	0	0	130	184	0	0
6/26/1985	635	0	0	130	189	0	0
6/27/1985	637	0	0	130	189	0	0
6/28/1985	639	0	0	130	193	0	0
6/29/1985	639	0	0	130	180	0	0
6/30/1985	639	0	0	128	168	0	0
7/1/1985	641	0	0	124	182	0	0
7/2/1985	642	0	0	122	176	0	0
7/3/1985	641	0	0	128	165	0	0
7/4/1985	644	0	0	101	154	0	0
7/5/1985	644	0	0	101	154	0	0
7/6/1985	646	0	0	101	151	0	0
7/7/1985	648	0	0	101	151	0	0
7/8/1985	648	0	0	101	147	0	0
7/9/1985	637	0	0	101	146	0	0
7/10/1985	642	0	0	101	141	0	0
7/11/1985	628	0	0	116	157	0	0
7/12/1985	628	0	0	120	157	0	0
7/13/1985	628	0	0	120	157	0	0
7/14/1985	630	0	0	120	157	0	0
7/15/1985	592	0	0	120	154	0	0
7/16/1985	594	0	0	120	151	0	0
7/17/1985	596	0	0	120	154	0	0
7/18/1985	597	0	0	120	156	0	0
7/19/1985	599	0	0	116	154	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1985	601	0	0	110	153	0	0
7/21/1985	603	0	0	110	157	0	0
7/22/1985	605	0	0	110	163	0	0
7/23/1985	606	0	0	110	165	0	0
7/24/1985	579	0	0	110	157	0	0
7/25/1985	567	0	0	79	138	0	0
7/26/1985	569	0	0	76	131	0	0
7/27/1985	549	0	0	74	129	0	0
7/28/1985	552	0	0	74	131	0	0
7/29/1985	556	0	0	73	131	0	0
7/30/1985	563	0	0	73	141	0	0
7/31/1985	540	0	0	71	141	0	0
8/1/1985	525	0	0	30	117	0	0
8/2/1985	529	0	0	30	111	0	0
8/3/1985	536	0	0	30	110	0	0
8/4/1985	542	0	0	29	108	0	0
8/5/1985	547	0	0	28	106	0	0
8/6/1985	552	0	0	44	111	0	0
8/7/1985	574	0	0	44	110	0	0
8/8/1985	579	0	0	57	117	0	0
8/9/1985	585	0	0	56	115	0	0
8/10/1985	589	0	0	53	114	0	0
8/11/1985	590	0	0	54	116	0	0
8/12/1985	603	0	0	54	116	0	0
8/13/1985	596	0	0	56	119	0	0
8/14/1985	581	0	0	93	131	0	0
8/15/1985	592	0	0	66	143	0	0
8/16/1985	603	0	0	91	142	0	0
8/17/1985	606	0	0	91	142	0	0
8/18/1985	608	0	0	91	143	0	0
8/19/1985	608	0	0	88	143	0	0
8/20/1985	608	0	0	88	143	0	0
8/21/1985	606	0	0	86	142	0	0
8/22/1985	596	0	0	86	142	0	0
8/23/1985	599	0	0	84	143	0	0
8/24/1985	599	0	0	84	144	0	0
8/25/1985	599	0	0	84	143	0	0
8/26/1985	599	0	0	83	141	0	0
8/27/1985	596	0	0	93	143	0	0
8/28/1985	596	0	0	91	143	0	0
8/29/1985	597	0	0	86	142	0	0
8/30/1985	596	0	0	76	139	0	0
8/31/1985	597	0	0	76	137	0	0
9/1/1985	592	0	0	76	138	0	0
9/2/1985	590	0	0	74	144	0	0
9/3/1985	588	0	0	74	143	0	0
9/4/1985	588	0	0	74	143	0	0
9/5/1985	587	0	0	74	146	0	0
9/6/1985	585	0	0	73	151	0	0
9/7/1985	585	0	0	73	146	0	0
9/8/1985	587	0	0	76	165	0	0
9/9/1985	570	0	0	78	191	0	0
9/10/1985	516	0	0	60	154	0	0
9/11/1985	487	0	0	53	138	0	0
9/12/1985	487	0	0	50	136	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1985	0	0	0	0	100	0	0
9/14/1985	0	0	0	0	50	0	0
9/15/1985	0	0	0	0	0	0	0
9/16/1985	0	0	0	0	0	0	0
9/17/1985	0	0	0	0	0	0	0
9/18/1985	0	0	0	0	0	0	0
9/19/1985	0	0	0	0	0	0	0
9/20/1985	0	0	0	0	0	0	0
9/21/1985	0	0	0	0	0	0	0
9/22/1985	0	0	0	0	0	0	0
9/23/1985	0	0	0	0	0	0	0
9/24/1985	155	0	0	0	106	0	0
9/25/1985	227	0	0	4	100	0	0
9/26/1985	272	0	0	28	96	0	0
9/27/1985	146	0	0	0	113	0	0
9/28/1985	328	0	0	36	114	0	0
9/29/1985	323	0	0	34	0	0	0
9/30/1985	323	0	0	34	0	0	0
10/1/1985	310	167	74	0	0	0	0
10/2/1985	309	161	74	0	0	0	0
10/3/1985	277	171	75	0	0	0	0
10/4/1985	272	173	75	0	0	0	0
10/5/1985	0	0	0	0	0	0	0
10/6/1985	0	0	0	0	0	0	0
10/7/1985	0	0	0	0	0	0	0
10/8/1985	0	0	0	0	0	0	0
10/9/1985	0	0	0	0	0	0	0
10/10/1985	0	0	0	0	0	0	0
10/11/1985	0	0	0	0	0	0	0
10/12/1985	0	0	0	0	0	0	0
10/13/1985	0	0	0	0	0	0	0
10/14/1985	0	0	0	0	0	0	0
10/15/1985	0	0	0	0	0	0	0
10/16/1985	0	0	0	0	0	0	0
10/17/1985	0	0	0	0	0	0	0
10/18/1985	0	0	0	0	0	0	0
10/19/1985	0	0	0	0	0	0	0
10/20/1985	0	0	0	0	0	0	0
10/21/1985	0	0	0	0	0	0	0
10/22/1985	0	0	0	0	0	0	0
10/23/1985	0	0	0	0	0	0	0
10/24/1985	0	0	0	0	0	0	0
10/25/1985	0	0	0	0	0	0	0
10/26/1985	0	0	0	0	0	0	0
10/27/1985	0	0	0	0	0	0	0
10/28/1985	0	0	0	0	0	0	0
10/29/1985	0	0	0	0	0	0	0
10/30/1985	0	0	0	0	0	0	0
10/31/1985	0	0	0	0	0	0	0
						71	2075
						Maximum	Total

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Calculations for Richfield Canal Flow
1986
Brockway Engineering, PLLC
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1986	108	0	0	0	77	108	214
4/2/1986	104	0	0	0	77	104	206
4/3/1986	95	0	0	0	84	95	188
4/4/1986	95	0	0	0	59	95	188
4/5/1986	91	0	0	0	53	91	180
4/6/1986	83	0	0	0	47	83	165
4/7/1986	84	0	0	0	47	84	167
4/8/1986	86	0	0	0	50	86	171
4/9/1986	87	0	0	0	53	87	173
4/10/1986	88	0	0	0	54	88	175
4/11/1986	91	0	0	0	56	91	180
4/12/1986	93	0	0	0	60	93	184
4/13/1986	95	0	0	0	64	95	188
4/14/1986	93	0	0	0	64	93	184
4/15/1986	91	0	0	0	59	91	180
4/16/1986	93	0	0	0	54	93	184
4/17/1986	87	0	0	0	44	87	173
4/18/1986	135	0	0	0	40	135	268
4/19/1986	184	0	0	0	96	184	365
4/20/1986	184	0	0	0	142	184	365
4/21/1986	183	0	0	0	117	183	363
4/22/1986	306	81	48	62	73	0	0
4/23/1986	360	117	55	205	217	0	0
4/24/1986	360	116	55	205	200	0	0
4/25/1986	378	125	76	180	168	0	0
4/26/1986	404	142	78	177	183	0	0
4/27/1986	404	0	0	170	168	234	464
4/28/1986	401	167	80	114	158	0	0
4/29/1986	399	167	80	114	157	0	0
4/30/1986	401	187	80	110	144	0	0
5/1/1986	389	0	0	104	141	0	0
5/2/1986	411	0	0	120	160	0	0
5/3/1986	459	0	0	134	155	0	0
5/4/1986	456	0	0	134	158	0	0
5/5/1986	459	0	0	134	150	0	0
5/6/1986	459	0	0	120	157	0	0
5/7/1986	459	0	0	124	158	0	0
5/8/1986	459	0	0	136	162	0	0
5/9/1986	459	0	0	145	162	0	0
5/10/1986	456	0	0	143	165	0	0
5/11/1986	456	0	0	143	165	0	0
5/12/1986	456	0	0	143	160	0	0
5/13/1986	456	0	0	130	158	0	0
5/14/1986	456	0	0	130	152	0	0
5/15/1986	456	0	0	130	147	0	0
5/16/1986	456	0	0	124	139	0	0
5/17/1986	456	0	0	104	126	0	0
5/18/1986	456	0	0	104	113	0	0
5/19/1986	558	0	0	104	100	0	0
5/20/1986	536	0	0	112	109	0	0
5/21/1986	542	0	0	114	139	0	0
5/22/1986	542	0	0	114	138	0	0
5/23/1986	542	0	0	81	123	0	0
5/24/1986	542	0	0	102	119	0	0
5/25/1986	542	0	0	59	108	0	0

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Calculations for Richfield Canal Flow
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Brockway Engineering, PLLC
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1986	542	0	0	41	104	0	0
5/27/1986	524	0	0	41	82	0	0
5/28/1986	580	0	0	78	105	0	0
5/29/1986	593	0	0	118	133	0	0
5/30/1986	593	0	0	122	142	0	0
5/31/1986	593	0	0	124	131	0	0
6/1/1986	555	0	0	114	119	0	0
6/2/1986	555	0	0	104	106	0	0
6/3/1986	555	0	0	86	112	0	0
6/4/1986	555	0	0	86	98	0	0
6/5/1986	555	0	0	86	104	0	0
6/6/1986	555	0	0	86	101	0	0
6/7/1986	558	0	0	86	109	0	0
6/8/1986	577	0	0	95	126	0	0
6/9/1986	577	0	0	95	119	0	0
6/10/1986	558	0	0	86	123	0	0
6/11/1986	555	0	0	88	117	0	0
6/12/1986	561	0	0	86	123	0	0
6/13/1986	587	0	0	108	136	0	0
6/14/1986	587	0	0	133	149	0	0
6/15/1986	587	0	0	118	152	0	0
6/16/1986	593	0	0	114	158	0	0
6/17/1986	593	0	0	118	157	0	0
6/18/1986	593	0	0	116	149	0	0
6/19/1986	596	0	0	114	146	0	0
6/20/1986	600	0	0	114	152	0	0
6/21/1986	587	0	0	110	146	0	0
6/22/1986	603	0	0	104	136	0	0
6/23/1986	632	0	0	99	136	0	0
6/24/1986	658	0	0	124	146	0	0
6/25/1986	689	0	0	120	141	0	0
6/26/1986	726	0	0	147	162	0	0
6/27/1986	733	0	0	152	174	0	0
6/28/1986	747	0	0	152	172	0	0
6/29/1986	754	0	0	150	167	0	0
6/30/1986	672	0	0	147	168	0	0
7/1/1986	645	0	0	136	160	0	0
7/2/1986	672	0	0	132	152	0	0
7/3/1986	692	0	0	150	167	0	0
7/4/1986	686	0	0	147	170	0	0
7/5/1986	672	0	0	147	181	0	0
7/6/1986	682	0	0	147	172	0	0
7/7/1986	699	0	0	147	172	0	0
7/8/1986	699	0	0	159	179	0	0
7/9/1986	699	0	0	159	183	0	0
7/10/1986	699	0	0	159	181	0	0
7/11/1986	699	0	0	156	179	0	0
7/12/1986	703	0	0	154	175	0	0
7/13/1986	703	0	0	154	181	0	0
7/14/1986	706	0	0	154	183	0	0
7/15/1986	706	0	0	154	179	0	0
7/16/1986	703	0	0	150	170	0	0
7/17/1986	706	0	0	141	168	0	0
7/18/1986	703	0	0	145	172	0	0
7/19/1986	709	0	0	145	168	0	0

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Calculations for Richfield Canal Flow
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Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1986	625	0	0	143	172	0	0
7/21/1986	628	0	0	143	168	0	0
7/22/1986	628	0	0	134	155	0	0
7/23/1986	635	0	0	136	154	0	0
7/24/1986	638	0	0	136	155	0	0
7/25/1986	645	0	0	136	155	0	0
7/26/1986	648	0	0	136	150	0	0
7/27/1986	651	0	0	134	154	0	0
7/28/1986	655	0	0	134	168	0	0
7/29/1986	638	0	0	134	168	0	0
7/30/1986	603	0	0	134	151	0	0
7/31/1986	606	0	0	139	162	0	0
8/1/1986	612	0	0	143	162	0	0
8/2/1986	612	0	0	143	162	0	0
8/3/1986	612	0	0	43	163	0	0
8/4/1986	616	0	0	143	165	0	0
8/5/1986	619	0	0	143	167	0	0
8/6/1986	619	0	0	141	168	0	0
8/7/1986	619	0	0	141	162	0	0
8/8/1986	622	0	0	141	165	0	0
8/9/1986	625	0	0	141	165	0	0
8/10/1986	625	0	0	141	168	0	0
8/11/1986	622	0	0	141	172	0	0
8/12/1986	564	0	0	143	179	0	0
8/13/1986	564	0	0	143	174	0	0
8/14/1986	564	0	0	141	168	0	0
8/15/1986	574	0	0	141	175	0	0
8/16/1986	568	0	0	139	177	0	0
8/17/1986	568	0	0	139	172	0	0
8/18/1986	571	0	0	139	168	0	0
8/19/1986	571	0	0	134	168	0	0
8/20/1986	574	0	0	134	165	0	0
8/21/1986	571	0	0	132	160	0	0
8/22/1986	574	0	0	132	158	0	0
8/23/1986	545	0	0	130	152	0	0
8/24/1986	548	0	0	130	154	0	0
8/25/1986	548	0	0	130	155	0	0
8/26/1986	552	0	0	130	150	0	0
8/27/1986	552	0	0	128	149	0	0
8/28/1986	555	0	0	122	146	0	0
8/29/1986	558	0	0	114	144	0	0
8/30/1986	558	0	0	114	149	0	0
8/31/1986	561	0	0	114	152	0	0
9/1/1986	530	0	0	114	141	0	0
9/2/1986	518	0	0	114	141	0	0
9/3/1986	515	0	0	95	122	0	0
9/4/1986	512	0	0	95	119	0	0
9/5/1986	515	0	0	95	122	0	0
9/6/1986	490	0	0	93	122	0	0
9/7/1986	462	0	0	79	108	0	0
9/8/1986	462	0	0	79	108	0	0
9/9/1986	433	0	0	81	110	0	0
9/10/1986	413	0	0	60	100	0	0
9/11/1986	413	0	0	60	98	0	0
9/12/1986	413	0	0	60	98	0	0

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Calculations for Richfield Canal Flow
1986
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1986	413	0	0	60	98	0	0
9/14/1986	413	0	0	62	103	0	0
9/15/1986	373	0	0	62	100	0	0
9/16/1986	360	0	0	40	93	0	0
9/17/1986	360	0	0	40	89	0	0
9/18/1986	360	0	0	40	90	0	0
9/19/1986	362	0	0	38	95	0	0
9/20/1986	362	0	0	38	95	0	0
9/21/1986	360	0	0	36	93	0	0
9/22/1986	329	0	0	36	96	0	0
9/23/1986	316	0	0	2	76	0	0
9/24/1986	314	0	0	21	76	0	0
9/25/1986	314	0	0	21	76	0	0
9/26/1986	312	0	0	21	72	0	0
9/27/1986	312	0	0	20	69	0	0
9/28/1986	310	0	0	21	76	0	0
9/29/1986	310	0	0	21	77	0	0
9/30/1986	308	0	0	21	77	0	0
10/1/1986	0	0	0	0	0	0	0
10/2/1986	0	0	0	0	0	0	0
10/3/1986	0	0	0	0	0	0	0
10/4/1986	0	0	0	0	0	0	0
10/5/1986	0	0	0	0	0	0	0
10/6/1986	0	0	0	0	0	0	0
10/7/1986	0	0	0	0	0	0	0
10/8/1986	0	0	0	0	0	0	0
10/9/1986	0	0	0	0	0	0	0
10/10/1986	0	0	0	0	0	0	0
10/11/1986	0	0	0	0	0	0	0
10/12/1986	0	0	0	0	0	0	0
10/13/1986	0	0	0	0	0	0	0
10/14/1986	0	0	0	0	0	0	0
10/15/1986	0	0	0	0	0	0	0
10/16/1986	0	0	0	0	0	0	0
10/17/1986	0	0	0	0	0	0	0
10/18/1986	0	0	0	0	0	0	0
10/19/1986	0	0	0	0	0	0	0
10/20/1986	0	0	0	0	0	0	0
10/21/1986	0	0	0	0	0	0	0
10/22/1986	0	0	0	0	0	0	0
10/23/1986	0	0	0	0	0	0	0
10/24/1986	0	0	0	0	0	0	0
10/25/1986	0	0	0	0	0	0	0
10/26/1986	0	0	0	0	0	0	0
10/27/1986	0	0	0	0	0	0	0
10/28/1986	0	0	0	0	0	0	0
10/29/1986	0	0	0	0	0	0	0
10/30/1986	0	0	0	0	0	0	0
10/31/1986	0	0	0	0	0	0	0
11/1/1986	0	0	0	0	0	0	0
11/2/1986	0	0	0	0	0	0	0
11/3/1986	0	0	0	0	0	0	0
11/4/1986	0	0	0	0	0	0	0
11/5/1986	300	153	57	0	0	0	0
11/6/1986	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
1986
Brockway Engineering, PLLC
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
11/7/1986	200	254	62	0	0	0	0
						234	464
						Maximum	Total

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1987	0	0	0	0	0	0	0
4/2/1987	0	0	0	0	0	0	0
4/3/1987	0	0	0	0	0	0	0
4/4/1987	0	0	0	0	0	0	0
4/5/1987	0	0	0	0	0	0	0
4/6/1987	0	0	0	0	0	0	0
4/7/1987	0	0	0	0	0	0	0
4/8/1987	0	0	0	0	0	0	0
4/9/1987	0	0	0	0	0	0	0
4/10/1987	0	0	0	0	0	0	0
4/11/1987	0	0	0	0	0	0	0
4/12/1987	0	0	0	0	0	0	0
4/13/1987	0	0	0	0	0	0	0
4/14/1987	0	0	0	0	0	0	0
4/15/1987	0	0	0	0	0	0	0
4/16/1987	0	0	0	0	0	0	0
4/17/1987	0	0	0	0	0	0	0
4/18/1987	0	0	0	0	0	0	0
4/19/1987	0	0	0	0	0	0	0
4/20/1987	0	0	0	0	0	0	0
4/21/1987	122	0	0	0	0	122	242
4/22/1987	168	0	0	172	0	0	0
4/23/1987	170	0	0	182	163	0	0
4/24/1987	172	0	0	86	157	86	171
4/25/1987	186	0	0	93	84	93	184
4/26/1987	206	0	0	101	131	105	208
4/27/1987	318	0	0	132	131	186	369
4/28/1987	327	0	0	136	147	191	379
4/29/1987	382	0	0	141	147	241	478
4/30/1987	443	0	0	152	170	291	577
5/1/1987	481	0	0	170	196	0	0
5/2/1987	499	0	0	175	196	0	0
5/3/1987	497	0	0	180	196	0	0
5/4/1987	503	0	0	180	200	0	0
5/5/1987	501	0	0	180	198	0	0
5/6/1987	497	0	0	163	181	0	0
5/7/1987	497	0	0	161	177	0	0
5/8/1987	497	0	0	150	163	0	0
5/9/1987	513	0	0	150	157	0	0
5/10/1987	515	0	0	156	168	0	0
5/11/1987	495	0	0	156	167	0	0
5/12/1987	521	0	0	152	162	0	0
5/13/1987	515	0	0	163	186	0	0
5/14/1987	503	0	0	150	179	0	0
5/15/1987	527	0	0	150	185	0	0
5/16/1987	507	0	0	145	165	0	0
5/17/1987	517	0	0	154	236	0	0
5/18/1987	527	0	0	161	209	0	0
5/19/1987	513	0	0	161	202	0	0
5/20/1987	509	0	0	154	207	0	0
5/21/1987	473	0	0	154	204	0	0
5/22/1987	469	0	0	152	192	0	0
5/23/1987	473	0	0	152	185	0	0
5/24/1987	467	0	0	152	192	0	0
5/25/1987	469	0	0	147	188	0	0
5/26/1987	463	0	0	145	204	0	0
5/27/1987	443	0	0	93	141	0	0
5/28/1987	445	0	0	93	144	0	0
5/29/1987	378	0	0	33	83	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/30/1987	378	0	0	33	81	0	0
5/31/1987	384	0	0	33	80	0	0
6/1/1987	382	0	0	33	82	0	0
6/2/1987	382	0	0	33	76	0	0
6/3/1987	382	0	0	33	76	0	0
6/4/1987	407	0	0	33	67	0	0
6/5/1987	445	0	0	59	93	0	0
6/6/1987	453	0	0	91	122	0	0
6/7/1987	455	0	0	91	122	0	0
6/8/1987	455	0	0	91	138	0	0
6/9/1987	453	0	0	91	128	0	0
6/10/1987	436	0	0	91	134	0	0
6/11/1987	426	0	0	71	110	0	0
6/12/1987	428	0	0	71	108	0	0
6/13/1987	428	0	0	71	110	0	0
6/14/1987	430	0	0	71	113	0	0
6/15/1987	451	0	0	71	110	0	0
6/16/1987	491	0	0	102	133	0	0
6/17/1987	501	0	0	136	165	0	0
6/18/1987	505	0	0	134	167	0	0
6/19/1987	507	0	0	134	163	0	0
6/20/1987	511	0	0	134	155	0	0
6/21/1987	511	0	0	134	160	0	0
6/22/1987	513	0	0	132	162	0	0
6/23/1987	511	0	0	132	157	0	0
6/24/1987	556	0	0	150	175	0	0
6/25/1987	561	0	0	150	175	0	0
6/26/1987	565	0	0	152	172	0	0
6/27/1987	561	0	0	152	174	0	0
6/28/1987	567	0	0	152	172	0	0
6/29/1987	561	0	0	152	170	0	0
6/30/1987	577	0	0	152	165	0	0
7/1/1987	525	0	0	159	179	0	0
7/2/1987	540	0	0	159	175	0	0
7/3/1987	554	0	0	159	175	0	0
7/4/1987	567	0	0	159	167	0	0
7/5/1987	549	0	0	168	169	0	0
7/6/1987	554	0	0	161	172	0	0
7/7/1987	558	0	0	161	168	0	0
7/8/1987	567	0	0	159	174	0	0
7/9/1987	547	0	0	156	167	0	0
7/10/1987	549	0	0	154	172	0	0
7/11/1987	563	0	0	161	179	0	0
7/12/1987	567	0	0	159	177	0	0
7/13/1987	574	0	0	159	167	0	0
7/14/1987	570	0	0	156	167	0	0
7/15/1987	600	0	0	152	170	0	0
7/16/1987	609	0	0	161	183	0	0
7/17/1987	606	0	0	184	209	0	0
7/18/1987	590	0	0	197	228	0	0
7/19/1987	584	0	0	182	228	0	0
7/20/1987	588	0	0	182	221	0	0
7/21/1987	565	0	0	182	224	0	0
7/22/1987	534	0	0	156	209	0	0
7/23/1987	525	0	0	130	192	0	0
7/24/1987	525	0	0	128	165	0	0
7/25/1987	534	0	0	128	160	0	0
7/26/1987	527	0	0	128	165	0	0
7/27/1987	570	0	0	128	162	0	0

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Calculations for Richfield Canal Flow
1987
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3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/28/1987	593	0	0	156	179	0	0
7/29/1987	593	0	0	156	190	0	0
7/30/1987	595	0	0	156	183	0	0
7/31/1987	588	0	0	154	183	0	0
8/1/1987	511	0	0	136	181	0	0
8/2/1987	509	0	0	147	175	0	0
8/3/1987	509	0	0	152	177	0	0
8/4/1987	523	0	0	147	172	0	0
8/5/1987	547	0	0	166	183	0	0
8/6/1987	551	0	0	168	192	0	0
8/7/1987	554	0	0	168	188	0	0
8/8/1987	556	0	0	168	185	0	0
8/9/1987	556	0	0	168	179	0	0
8/10/1987	558	0	0	163	175	0	0
8/11/1987	558	0	0	163	170	0	0
8/12/1987	561	0	0	161	172	0	0
8/13/1987	536	0	0	163	172	0	0
8/14/1987	515	0	0	143	172	0	0
8/15/1987	507	0	0	143	150	0	0
8/16/1987	544	0	0	143	149	0	0
8/17/1987	563	0	0	156	168	0	0
8/18/1987	563	0	0	154	162	0	0
8/19/1987	563	0	0	150	162	0	0
8/20/1987	565	0	0	141	162	0	0
8/21/1987	563	0	0	143	160	0	0
8/22/1987	565	0	0	145	160	0	0
8/23/1987	563	0	0	143	163	0	0
8/24/1987	563	0	0	143	158	0	0
8/25/1987	563	0	0	145	167	0	0
8/26/1987	558	0	0	147	165	0	0
8/27/1987	554	0	0	143	167	0	0
8/28/1987	527	0	0	126	174	0	0
8/29/1987	0	0	0	0	12	0	0
8/30/1987	0	0	0	0	0	0	0
8/31/1987	0	0	0	0	0	0	0
9/1/1987	0	0	0	0	0	0	0
9/2/1987	0	0	0	0	0	0	0
9/3/1987	0	0	0	0	0	0	0
9/4/1987	0	0	0	0	0	0	0
9/5/1987	0	0	0	0	0	0	0
9/6/1987	0	0	0	0	0	0	0
9/7/1987	0	0	0	0	0	0	0
9/8/1987	0	0	0	0	0	0	0
9/9/1987	0	0	0	0	0	0	0
9/10/1987	0	0	0	0	0	0	0
9/11/1987	0	0	0	0	0	0	0
9/12/1987	0	0	0	0	0	0	0
9/13/1987	0	0	0	0	0	0	0
9/14/1987	0	0	0	0	0	0	0
9/15/1987	0	0	0	0	0	0	0
9/16/1987	0	0	0	0	0	0	0
9/17/1987	0	0	0	0	0	0	0
9/18/1987	0	0	0	0	0	0	0
9/19/1987	0	0	0	0	0	0	0
9/20/1987	0	0	0	0	0	0	0
9/21/1987	0	0	0	0	0	0	0
9/22/1987	0	0	0	0	0	0	0
9/23/1987	0	0	0	0	0	0	0
9/24/1987	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
1987
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3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/25/1987	0	0	0	0	0	0	0
9/26/1987	0	0	0	0	0	0	0
9/27/1987	0	0	0	0	0	0	0
9/28/1987	0	0	0	0	0	0	0
9/29/1987	0	0	0	0	0	0	0
9/30/1987	0	0	0	0	0	0	0
10/1/1987	0	0	0	0	0	0	0
10/2/1987	0	0	0	0	0	0	0
10/3/1987	0	0	0	0	0	0	0
10/4/1987	0	0	0	0	0	0	0
10/5/1987	0	0	0	0	0	0	0
10/6/1987	0	0	0	0	0	0	0
10/7/1987	0	0	0	0	0	0	0
10/8/1987	0	0	0	0	0	0	0
10/9/1987	0	0	0	0	0	0	0
10/10/1987	0	0	0	0	0	0	0
10/11/1987	0	0	0	0	0	0	0
10/12/1987	0	0	0	0	0	0	0
10/13/1987	0	0	0	0	0	0	0
10/14/1987	0	0	0	0	0	0	0
10/15/1987	0	0	0	0	0	0	0
10/16/1987	0	0	0	0	0	0	0
10/17/1987	0	0	0	0	0	0	0
10/18/1987	0	0	0	0	0	0	0
10/19/1987	0	0	0	0	0	0	0
10/20/1987	0	0	0	0	0	0	0
10/21/1987	0	0	0	0	0	0	0
10/22/1987	0	0	0	0	0	0	0
10/23/1987	0	0	0	0	0	0	0
10/24/1987	0	0	0	0	0	0	0
10/25/1987	0	0	0	0	0	0	0
10/26/1987	0	0	0	0	0	0	0
10/27/1987	0	0	0	0	0	0	0
10/28/1987	0	0	0	0	0	0	0
10/29/1987	0	0	0	0	0	0	0
10/30/1987	0	0	0	0	0	0	0
10/31/1987	0	0	0	0	0	0	0
11/1/1987	300	0	0	0	0	300	595
11/2/1987	316	231	73	90	0	0	0
11/3/1987	320	194	72	120	0	0	0
11/4/1987	306	167	71	132	0	0	0
11/5/1987	277	0	0	0	0	277	549
11/6/1987	248	0	0	0	0	248	492
						300	4245
						Maximum	Total

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Calculations for Richfield Canal Flow
1988
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1988	0	0	0	0	0	0	0
4/2/1988	0	0	0	0	0	0	0
4/3/1988	0	0	0	0	0	0	0
4/4/1988	0	0	0	0	0	0	0
4/5/1988	0	0	0	0	0	0	0
4/6/1988	0	0	0	0	0	0	0
4/7/1988	0	0	0	0	0	0	0
4/8/1988	0	0	0	0	0	0	0
4/9/1988	0	0	0	0	0	0	0
4/10/1988	0	0	0	0	0	0	0
4/11/1988	0	0	0	0	0	0	0
4/12/1988	0	0	0	0	0	0	0
4/13/1988	0	0	0	0	0	0	0
4/14/1988	0	0	0	0	0	0	0
4/15/1988	0	0	0	0	0	0	0
4/16/1988	0	0	0	0	0	0	0
4/17/1988	0	0	0	0	0	0	0
4/18/1988	0	0	0	0	0	0	0
4/19/1988	0	0	0	0	0	0	0
4/20/1988	0	0	0	0	0	0	0
4/21/1988	0	0	0	0	0	0	0
4/22/1988	0	0	0	0	0	0	0
4/23/1988	0	0	0	0	0	0	0
4/24/1988	0	0	0	0	0	0	0
4/25/1988	0	0	0	0	0	0	0
4/26/1988	0	0	0	0	0	0	0
4/27/1988	0	0	0	0	0	0	0
4/28/1988	0	0	0	0	0	0	0
4/29/1988	0	0	0	0	0	0	0
4/30/1988	0	0	0	0	0	0	0
5/1/1988	0	0	0	0	160	0	0
5/2/1988	233	4	12	143	163	0	0
5/3/1988	327	10	22	136	194	0	0
5/4/1988	399	112	44	136	202	0	0
5/5/1988	474	155	62	134	190	0	0
5/6/1988	478	207	75	134	194	0	0
5/7/1988	478	200	82	134	194	0	0
5/8/1988	478	212	83	124	184	0	0
5/9/1988	481	212	83	122	184	0	0
5/10/1988	481	212	83	122	174	0	0
5/11/1988	481	222	83	112	174	0	0
5/12/1988	485	214	100	112	163	0	0
5/13/1988	490	218	115	104	158	0	0
5/14/1988	488	218	129	93	149	0	0
5/15/1988	488	218	129	93	142	0	0
5/16/1988	488	218	129	93	140	0	0
5/17/1988	492	217	127	93	142	0	0
5/18/1988	492	217	127	93	145	0	0
5/19/1988	490	218	128	93	149	0	0
5/20/1988	504	218	128	93	145	0	0
5/21/1988	518	217	127	106	163	0	0
5/22/1988	520	218	128	112	165	0	0
5/23/1988	518	217	127	112	167	0	0
5/24/1988	520	220	128	112	167	0	0
5/25/1988	520	222	129	114	163	0	0
5/26/1988	523	222	129	114	163	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/27/1988	526	221	128	112	163	0	0
5/28/1988	523	220	127	110	167	0	0
5/29/1988	523	220	127	110	165	0	0
5/30/1988	523	220	127	110	178	0	0
5/31/1988	540	220	129	112	182	0	0
6/1/1988	0	0	0	0	55	0	0
6/2/1988	0	0	0	0	0	0	0
6/3/1988	0	0	0	0	0	0	0
6/4/1988	0	0	0	0	0	0	0
6/5/1988	0	0	0	0	0	0	0
6/6/1988	0	0	0	0	0	0	0
6/7/1988	492	0	0	124	172	0	0
6/8/1988	474	0	0	120	182	0	0
6/9/1988	476	0	0	108	171	0	0
6/10/1988	476	0	0	118	210	0	0
6/11/1988	472	0	0	97	163	0	0
6/12/1988	469	0	0	95	158	0	0
6/13/1988	474	0	0	95	153	0	0
6/14/1988	483	0	0	93	153	0	0
6/15/1988	490	0	0	97	156	0	0
6/16/1988	495	0	0	95	153	0	0
6/17/1988	495	0	0	95	153	0	0
6/18/1988	495	0	0	93	153	0	0
6/19/1988	497	0	0	95	147	0	0
6/20/1988	511	0	0	93	153	0	0
6/21/1988	502	0	0	93	147	0	0
6/22/1988	523	0	0	93	144	0	0
6/23/1988	538	0	0	97	147	0	0
6/24/1988	536	0	0	95	144	0	0
6/25/1988	538	0	0	90	127	0	0
6/26/1988	538	0	0	86	129	0	0
6/27/1988	548	0	0	86	127	0	0
6/28/1988	553	0	0	93	130	0	0
6/29/1988	543	0	0	76	121	0	0
6/30/1988	553	0	0	76	114	0	0
7/1/1988	528	0	0	78	121	0	0
7/2/1988	40	0	0	0	98	0	0
7/3/1988	0	0	0	0	0	0	0
7/4/1988	0	0	0	0	0	0	0
7/5/1988	0	0	0	0	0	0	0
7/6/1988	0	0	0	0	0	0	0
7/7/1988	0	0	0	0	0	0	0
7/8/1988	0	0	0	0	0	0	0
7/9/1988	0	0	0	0	0	0	0
7/10/1988	0	0	0	0	0	0	0
7/11/1988	0	0	0	0	0	0	0
7/12/1988	0	0	0	0	0	0	0
7/13/1988	0	0	0	0	0	0	0
7/14/1988	0	0	0	0	0	0	0
7/15/1988	0	0	0	0	0	0	0
7/16/1988	0	0	0	0	0	0	0
7/17/1988	0	0	0	0	0	0	0
7/18/1988	0	0	0	0	0	0	0
7/19/1988	0	0	0	0	0	0	0
7/20/1988	0	0	0	0	0	0	0
7/21/1988	0	0	0	0	0	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/22/1988	0	0	0	0	0	0	0
7/23/1988	0	0	0	0	0	0	0
7/24/1988	0	0	0	0	0	0	0
7/25/1988	0	0	0	0	0	0	0
7/26/1988	0	0	0	0	0	0	0
7/27/1988	0	0	0	0	0	0	0
7/28/1988	276	0	0	0	0	0	0
7/29/1988	351	0	0	0	0	0	0
7/30/1988	335	0	0	0	158	0	0
7/31/1988	129	0	0	0	188	0	0
8/1/1988	224	110	55	56	118	0	0
8/2/1988	51	15	0	15	26	0	0
8/3/1988	0	0	0	0	0	0	0
8/4/1988	0	0	0	0	0	0	0
8/5/1988	0	0	0	0	0	0	0
8/6/1988	0	0	0	0	0	0	0
8/7/1988	0	0	0	0	0	0	0
8/8/1988	0	0	0	0	0	0	0
8/9/1988	0	0	0	0	0	0	0
8/10/1988	0	0	0	0	0	0	0
8/11/1988	0	0	0	0	0	0	0
8/12/1988	0	0	0	0	0	0	0
8/13/1988	0	0	0	0	0	0	0
8/14/1988	0	0	0	0	0	0	0
8/15/1988	0	0	0	0	0	0	0
8/16/1988	0	0	0	0	0	0	0
8/17/1988	0	0	0	0	0	0	0
8/18/1988	0	0	0	0	0	0	0
8/19/1988	0	0	0	0	0	0	0
8/20/1988	0	0	0	0	0	0	0
8/21/1988	0	0	0	0	0	0	0
8/22/1988	0	0	0	0	0	0	0
8/23/1988	0	0	0	0	0	0	0
8/24/1988	0	0	0	0	0	0	0
8/25/1988	0	0	0	0	0	0	0
8/26/1988	0	0	0	0	0	0	0
8/27/1988	0	0	0	0	0	0	0
8/28/1988	0	0	0	0	0	0	0
8/29/1988	0	0	0	0	0	0	0
8/30/1988	0	0	0	0	0	0	0
8/31/1988	0	0	0	0	0	0	0
9/1/1988	0	0	0	0	0	0	0
9/2/1988	0	0	0	0	0	0	0
9/3/1988	0	0	0	0	0	0	0
9/4/1988	0	0	0	0	0	0	0
9/5/1988	0	0	0	0	0	0	0
9/6/1988	0	0	0	0	0	0	0
9/7/1988	0	0	0	0	0	0	0
9/8/1988	0	0	0	0	0	0	0
9/9/1988	0	0	0	0	0	0	0
9/10/1988	0	0	0	0	0	0	0
9/11/1988	0	0	0	0	0	0	0
9/12/1988	0	0	0	0	0	0	0
9/13/1988	0	0	0	0	0	0	0
9/14/1988	0	0	0	0	0	0	0
9/15/1988	0	0	0	0	0	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/16/1988	0	0	0	0	0	0	0
9/17/1988	0	0	0	0	0	0	0
9/18/1988	0	0	0	0	0	0	0
9/19/1988	0	0	0	0	0	0	0
9/20/1988	0	0	0	0	0	0	0
9/21/1988	0	0	0	0	0	0	0
9/22/1988	0	0	0	0	0	0	0
9/23/1988	0	0	0	0	0	0	0
9/24/1988	0	0	0	0	0	0	0
9/25/1988	0	0	0	0	0	0	0
9/26/1988	0	0	0	0	0	0	0
9/27/1988	0	0	0	0	0	0	0
9/28/1988	0	0	0	0	0	0	0
9/29/1988	0	0	0	0	0	0	0
9/30/1988	0	0	0	0	0	0	0
10/1/1988	0	0	0	0	0	0	0
10/2/1988	0	0	0	0	0	0	0
10/3/1988	0	0	0	0	0	0	0
10/4/1988	0	0	0	0	0	0	0
10/5/1988	0	0	0	0	0	0	0
10/6/1988	0	0	0	0	0	0	0
10/7/1988	0	0	0	0	0	0	0
10/8/1988	0	0	0	0	0	0	0
10/9/1988	0	0	0	0	0	0	0
10/10/1988	0	0	0	0	0	0	0
10/11/1988	0	0	0	0	0	0	0
10/12/1988	0	0	0	0	0	0	0
10/13/1988	0	0	0	0	0	0	0
10/14/1988	0	0	0	0	0	0	0
10/15/1988	0	0	0	0	0	0	0
10/16/1988	0	0	0	0	0	0	0
10/17/1988	0	0	0	0	0	0	0
10/18/1988	0	0	0	0	0	0	0
10/19/1988	0	0	0	0	0	0	0
10/20/1988	0	0	0	0	0	0	0
10/21/1988	0	0	0	0	0	0	0
10/22/1988	0	0	0	0	0	0	0
10/23/1988	0	0	0	0	0	0	0
10/24/1988	0	0	0	0	0	0	0
10/25/1988	0	0	0	0	0	0	0
10/26/1988	0	0	0	0	0	0	0
10/27/1988	0	0	0	0	0	0	0
10/28/1988	0	0	0	0	0	0	0
10/29/1988	0	0	0	0	0	0	0
10/30/1988	0	0	0	0	0	0	0
10/31/1988	0	0	0	0	0	0	0
						0	0
						Maximum	Total

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1989	0	0	0	0	0	0	0
4/2/1989	0	0	0	0	0	0	0
4/3/1989	0	0	0	0	0	0	0
4/4/1989	0	0	0	0	0	0	0
4/5/1989	0	0	0	0	0	0	0
4/6/1989	0	0	0	0	0	0	0
4/7/1989	0	0	0	0	0	0	0
4/8/1989	0	0	0	0	0	0	0
4/9/1989	0	0	0	0	0	0	0
4/10/1989	0	0	0	0	0	0	0
4/11/1989	0	0	0	0	0	0	0
4/12/1989	0	0	0	0	0	0	0
4/13/1989	0	0	0	0	0	0	0
4/14/1989	0	0	0	0	0	0	0
4/15/1989	0	0	0	0	0	0	0
4/16/1989	0	0	0	0	0	0	0
4/17/1989	0	0	0	0	0	0	0
4/18/1989	0	0	0	0	0	0	0
4/19/1989	0	0	0	0	0	0	0
4/20/1989	0	0	0	0	0	0	0
4/21/1989	0	0	0	0	0	0	0
4/22/1989	0	0	0	0	0	0	0
4/23/1989	0	0	0	0	0	0	0
4/24/1989	0	0	0	0	0	0	0
4/25/1989	0	0	0	0	0	0	0
4/26/1989	0	0	0	0	0	0	0
4/27/1989	0	0	0	0	0	0	0
4/28/1989	0	0	0	0	0	0	0
4/29/1989	0	0	0	0	0	0	0
4/30/1989	0	0	0	0	0	0	0
5/1/1989	232	0	0	0	22	0	0
5/2/1989	341	0	0	93	121	0	0
5/3/1989	395	0	0	132	192	0	0
5/4/1989	444	0	0	130	212	0	0
5/5/1989	483	0	0	150	230	0	0
5/6/1989	492	0	0	130	208	0	0
5/7/1989	506	0	0	161	198	0	0
5/8/1989	506	0	0	150	230	0	0
5/9/1989	507	0	0	124	200	0	0
5/10/1989	498	0	0	114	184	0	0
5/11/1989	501	0	0	114	184	0	0
5/12/1989	502	0	0	114	180	0	0
5/13/1989	500	0	0	116	200	0	0
5/14/1989	498	0	0	114	181	0	0
5/15/1989	500	0	0	114	192	0	0
5/16/1989	498	0	0	114	196	0	0
5/17/1989	501	0	0	114	196	0	0
5/18/1989	500	0	0	114	200	0	0
5/19/1989	501	0	0	114	188	0	0
5/20/1989	504	0	0	114	188	0	0
5/21/1989	503	0	0	114	187	0	0
5/22/1989	503	0	0	116	188	0	0
5/23/1989	500	0	0	118	188	0	0
5/24/1989	501	0	0	114	186	0	0
5/25/1989	504	0	0	112	186	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1989	509	0	0	112	198	0	0
5/27/1989	508	0	0	116	198	0	0
5/28/1989	508	0	0	116	205	0	0
5/29/1989	508	0	0	120	206	0	0
5/30/1989	508	0	0	122	198	0	0
5/31/1989	508	0	0	122	194	0	0
6/1/1989	537	240	131	122	174	0	0
6/2/1989	537	236	130	116	144	0	0
6/3/1989	539	240	135	104	127	0	0
6/4/1989	541	252	139	104	158	0	0
6/5/1989	544	251	139	104	158	0	0
6/6/1989	544	251	139	104	157	0	0
6/7/1989	552	251	139	104	159	0	0
6/8/1989	550	248	148	97	143	0	0
6/9/1989	555	248	148	97	140	0	0
6/10/1989	590	248	148	126	161	0	0
6/11/1989	590	248	148	126	161	0	0
6/12/1989	592	249	149	126	161	0	0
6/13/1989	594	249	149	126	165	0	0
6/14/1989	596	244	147	122	165	0	0
6/15/1989	638	258	146	132	158	0	0
6/16/1989	659	266	148	147	184	0	0
6/17/1989	663	264	148	145	194	0	0
6/18/1989	668	264	148	145	194	0	0
6/19/1989	668	264	147	145	192	0	0
6/20/1989	680	266	149	147	196	0	0
6/21/1989	669	261	147	143	192	0	0
6/22/1989	680	261	147	143	192	0	0
6/23/1989	671	258	143	139	189	0	0
6/24/1989	671	256	138	136	192	0	0
6/25/1989	685	256	138	136	187	0	0
6/26/1989	678	253	137	134	186	0	0
6/27/1989	685	255	138	136	186	0	0
6/28/1989	687	255	138	136	186	0	0
6/29/1989	690	251	137	132	186	0	0
6/30/1989	629	261	139	143	179	0	0
7/1/1989	605	262	140	143	186	0	0
7/2/1989	607	261	140	143	186	0	0
7/3/1989	610	260	140	141	187	0	0
7/4/1989	623	266	139	143	189	0	0
7/5/1989	632	268	139	143	189	0	0
7/6/1989	643	266	139	143	194	0	0
7/7/1989	663	275	143	143	181	0	0
7/8/1989	675	275	143	141	184	0	0
7/9/1989	686	273	142	139	182	0	0
7/10/1989	688	272	141	136	184	0	0
7/11/1989	716	277	143	139	196	0	0
7/12/1989	716	286	144	122	192	0	0
7/13/1989	659	279	143	172	213	0	0
7/14/1989	659	269	145	177	219	0	0
7/15/1989	656	282	140	168	210	0	0
7/16/1989	625	273	139	143	194	0	0
7/17/1989	625	270	138	141	187	0	0
7/18/1989	652	272	139	141	189	0	0
7/19/1989	645	268	138	136	186	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1989	643	262	136	132	182	0	0
7/21/1989	647	265	137	134	181	0	0
7/22/1989	656	258	137	130	174	0	0
7/23/1989	670	265	139	134	177	0	0
7/24/1989	652	265	125	126	174	0	0
7/25/1989	672	268	136	130	177	0	0
7/26/1989	684	272	139	134	177	0	0
7/27/1989	682	268	139	126	174	0	0
7/28/1989	668	266	135	118	168	0	0
7/29/1989	700	269	138	120	174	0	0
7/30/1989	684	261	131	118	171	0	0
7/31/1989	688	260	132	110	169	0	0
8/1/1989	695	246	134	112	160	0	0
8/2/1989	618	246	135	112	154	0	0
8/3/1989	629	243	135	112	146	0	0
8/4/1989	625	240	134	120	155	0	0
8/5/1989	614	244	129	120	160	0	0
8/6/1989	629	239	131	114	160	0	0
8/7/1989	636	243	135	114	161	0	0
8/8/1989	554	232	133	168	166	0	0
8/9/1989	535	221	129	161	173	0	0
8/10/1989	529	237	131	132	177	0	0
8/11/1989	533	240	137	114	171	0	0
8/12/1989	531	242	137	114	171	0	0
8/13/1989	531	244	135	114	166	0	0
8/14/1989	533	238	136	116	168	0	0
8/15/1989	537	238	136	116	168	0	0
8/16/1989	524	236	135	114	169	0	0
8/17/1989	524	236	136	114	165	0	0
8/18/1989	520	236	136	112	163	0	0
8/19/1989	512	232	135	108	158	0	0
8/20/1989	533	247	141	108	158	0	0
8/21/1989	531	248	135	114	179	0	0
8/22/1989	537	247	133	110	179	0	0
8/23/1989	516	243	131	106	171	0	0
8/24/1989	568	249	132	106	174	0	0
8/25/1989	566	249	132	106	177	0	0
8/26/1989	562	249	132	106	176	0	0
8/27/1989	544	253	133	108	181	0	0
8/28/1989	562	253	133	108	184	0	0
8/29/1989	555	249	132	106	186	0	0
8/30/1989	548	247	132	104	186	0	0
8/31/1989	537	239	131	102	181	0	0
9/1/1989	528	0	0	102	176	0	0
9/2/1989	508	0	0	86	154	0	0
9/3/1989	508	0	0	0	152	0	0
9/4/1989	0	0	0	0	42	0	0
9/5/1989	0	0	0	0	0	0	0
9/6/1989	0	0	0	0	0	0	0
9/7/1989	0	0	0	0	0	0	0
9/8/1989	462	0	0	0	0	0	0
9/9/1989	474	0	0	124	0	0	0
9/10/1989	474	0	0	74	0	0	0
9/11/1989	474	0	0	76	0	0	0
9/12/1989	479	0	0	73	0	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1989	489	0	0	86	0	0	0
9/14/1989	489	0	0	86	168	0	0
9/15/1989	478	0	0	84	169	0	0
9/16/1989	472	0	0	74	154	0	0
9/17/1989	470	0	0	68	155	0	0
9/18/1989	469	0	0	71	160	0	0
9/19/1989	460	0	0	66	152	0	0
9/20/1989	457	0	0	59	140	0	0
9/21/1989	456	0	0	62	137	0	0
9/22/1989	0	0	0	57	140	0	0
9/23/1989	0	0	0	0	48	0	0
9/24/1989	0	0	0	0	0	0	0
9/25/1989	0	0	0	0	0	0	0
9/26/1989	0	0	0	0	0	0	0
9/27/1989	0	0	0	0	0	0	0
9/28/1989	0	0	0	0	0	0	0
9/29/1989	0	0	0	0	0	0	0
9/30/1989	0	0	0	0	0	0	0
10/1/1989	0	0	0	0	0	0	0
10/2/1989	0	0	0	0	0	0	0
10/3/1989	0	0	0	0	0	0	0
10/4/1989	0	0	0	0	0	0	0
10/5/1989	0	0	0	0	0	0	0
10/6/1989	0	0	0	0	0	0	0
10/7/1989	0	0	0	0	0	0	0
10/8/1989	0	0	0	0	0	0	0
10/9/1989	0	0	0	0	0	0	0
10/10/1989	0	0	0	0	0	0	0
10/11/1989	0	0	0	0	0	0	0
10/12/1989	0	0	0	0	0	0	0
10/13/1989	0	0	0	0	0	0	0
10/14/1989	0	0	0	0	0	0	0
10/15/1989	0	0	0	0	0	0	0
10/16/1989	0	0	0	0	0	0	0
10/17/1989	0	0	0	0	0	0	0
10/18/1989	0	0	0	0	0	0	0
10/19/1989	0	0	0	0	0	0	0
10/20/1989	0	0	0	0	0	0	0
10/21/1989	0	0	0	0	0	0	0
10/22/1989	0	0	0	0	0	0	0
10/23/1989	0	0	0	0	0	0	0
10/24/1989	0	0	0	0	0	0	0
10/25/1989	0	0	0	0	0	0	0
10/26/1989	0	0	0	0	0	0	0
10/27/1989	0	0	0	0	0	0	0
10/28/1989	0	0	0	0	0	0	0
10/29/1989	0	0	0	0	0	0	0
10/30/1989	0	0	0	0	0	0	0
10/31/1989	0	0	0	0	0	0	0
11/1/1989	0	0	0	0	0	0	0
11/2/1989	0	0	0	0	0	0	0
11/3/1989	0	0	0	0	0	0	0
11/4/1989	0	0	0	0	0	0	0
11/5/1989	0	0	0	0	0	0	0
11/6/1989	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
1989
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
11/7/1989	200	163	59	46	0	0	0
11/8/1989	267	40	50	30	0	0	0
11/9/1989	40	74	54	9	0	0	0
11/10/1989	140	0	0	0	0	140	278
11/11/1989	0	0	0	0	0	0	0
11/12/1989	0	0	0	0	0	0	0
11/13/1989	0	0	0	0	0	0	0
11/14/1989	0	0	0	0	0	0	0
11/15/1989	0	0	0	0	0	0	0
11/16/1989	0	0	0	0	0	0	0
						140	278
						Maximum	Total

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Calculations for Richfield Canal Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1990	0	0	0	0	0	0	0
4/2/1990	0	0	0	0	0	0	0
4/3/1990	0	0	0	0	0	0	0
4/4/1990	0	0	0	0	0	0	0
4/5/1990	0	0	0	0	0	0	0
4/6/1990	0	0	0	0	0	0	0
4/7/1990	0	0	0	0	0	0	0
4/8/1990	0	0	0	0	0	0	0
4/9/1990	0	0	0	0	0	0	0
4/10/1990	0	0	0	0	0	0	0
4/11/1990	0	0	0	0	0	0	0
4/12/1990	0	0	0	0	0	0	0
4/13/1990	0	0	0	0	0	0	0
4/14/1990	0	0	0	0	0	0	0
4/15/1990	0	0	0	0	0	0	0
4/16/1990	0	0	0	0	0	0	0
4/17/1990	0	0	0	0	0	0	0
4/18/1990	0	0	0	0	0	0	0
4/19/1990	0	0	0	0	0	0	0
4/20/1990	0	0	0	0	0	0	0
4/21/1990	0	0	0	0	0	0	0
4/22/1990	0	0	0	0	0	0	0
4/23/1990	0	0	0	0	0	0	0
4/24/1990	0	0	0	0	0	0	0
4/25/1990	0	0	0	0	0	0	0
4/26/1990	0	0	0	0	0	0	0
4/27/1990	0	0	0	0	0	0	0
4/28/1990	0	0	0	0	0	0	0
4/29/1990	0	0	0	0	0	0	0
4/30/1990	0	0	0	0	0	0	0
5/1/1990	0	0	0	0	0	0	0
5/2/1990	0	0	0	0	0	0	0
5/3/1990	0	0	0	0	0	0	0
5/4/1990	0	0	0	0	0	0	0
5/5/1990	298	0	0	0	0	0	0
5/6/1990	346	0	0	0	0	0	0
5/7/1990	234	66	34	171	169	0	0
5/8/1990	302	197	94	200	243	0	0
5/9/1990	359	177	99	170	224	0	0
5/10/1990	261	204	105	139	173	0	0
5/11/1990	250	215	105	128	210	0	0
5/12/1990	250	233	120	116	189	0	0
5/13/1990	244	244	125	130	173	0	0
5/14/1990	272	230	120	116	177	0	0
5/15/1990	272	238	125	122	177	0	0
5/16/1990	264	248	129	130	182	0	0
5/17/1990	275	244	129	120	174	0	0
5/18/1990	275	244	129	120	173	0	0
5/19/1990	264	238	125	112	171	0	0
5/20/1990	272	242	126	118	176	0	0
5/21/1990	268	241	125	114	165	0	0
5/22/1990	268	238	124	112	169	0	0
5/23/1990	283	238	124	110	147	0	0
5/24/1990	283	241	125	117	155	0	0
5/25/1990	283	246	125	112	163	0	0

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Calculations for Richfield Canal Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1990	286	234	122	81	130	0	0
5/27/1990	290	236	123	81	102	0	0
5/28/1990	286	236	123	78	50	0	0
5/29/1990	286	220	117	68	96	0	0
5/30/1990	290	233	120	76	130	0	0
5/31/1990	290	237	122	78	154	0	0
6/1/1990	0	0	0	0	0	0	0
6/2/1990	0	0	0	0	0	0	0
6/3/1990	0	0	0	0	0	0	0
6/4/1990	0	0	0	0	0	0	0
6/5/1990	0	0	0	0	0	0	0
6/6/1990	0	0	0	0	0	0	0
6/7/1990	0	0	0	0	0	0	0
6/8/1990	541	202	113	132	140	0	0
6/9/1990	503	174	96	93	158	0	0
6/10/1990	510	213	105	124	158	0	0
6/11/1990	480	190	99	112	147	0	0
6/12/1990	472	198	101	93	151	0	0
6/13/1990	476	216	103	78	151	0	0
6/14/1990	476	213	106	78	139	0	0
6/15/1990	493	220	108	84	140	0	0
6/16/1990	493	220	108	84	141	0	0
6/17/1990	430	210	108	91	143	0	0
6/18/1990	487	204	108	88	147	0	0
6/19/1990	428	204	108	88	160	0	0
6/20/1990	414	201	106	84	139	0	0
6/21/1990	416	194	105	79	128	0	0
6/22/1990	434	207	106	79	133	0	0
6/23/1990	442	212	108	81	140	0	0
6/24/1990	482	224	111	106	157	0	0
6/25/1990	476	215	109	108	163	0	0
6/26/1990	484	228	108	108	163	0	0
6/27/1990	514	229	109	122	176	0	0
6/28/1990	524	232	110	124	182	0	0
6/29/1990	557	244	117	139	189	0	0
6/30/1990	555	244	117	136	186	0	0
7/1/1990	561	245	117	136	189	0	0
7/2/1990	563	244	117	136	189	0	0
7/3/1990	561	241	116	134	189	0	0
7/4/1990	548	223	117	128	186	0	0
7/5/1990	574	244	126	130	184	0	0
7/6/1990	570	242	125	130	179	0	0
7/7/1990	570	240	125	128	179	0	0
7/8/1990	570	244	126	130	179	0	0
7/9/1990	574	242	126	130	176	0	0
7/10/1990	583	244	127	130	176	0	0
7/11/1990	588	244	127	130	176	0	0
7/12/1990	583	238	127	128	169	0	0
7/13/1990	594	241	128	128	177	0	0
7/14/1990	601	248	130	130	176	0	0
7/15/1990	601	244	129	126	100	0	0
7/16/1990	599	244	129	126	171	0	0
7/17/1990	607	249	127	130	176	0	0
7/18/1990	607	244	129	128	0	0	0
7/19/1990	605	244	130	128	0	0	0

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Calculations for Richfield Canal Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1990	0	0	0	81	0	0	0
7/21/1990	0	0	0	0	0	0	0
7/22/1990	0	0	0	0	0	0	0
7/23/1990	0	0	0	0	0	0	0
7/24/1990	0	0	0	0	0	0	0
7/25/1990	0	0	0	0	0	0	0
7/26/1990	0	0	0	0	0	0	0
7/27/1990	0	0	0	0	0	0	0
7/28/1990	0	0	0	0	0	0	0
7/29/1990	0	0	0	0	0	0	0
7/30/1990	0	0	0	0	0	0	0
7/31/1990	0	0	0	0	0	0	0
8/1/1990	0	0	0	0	0	0	0
8/2/1990	0	0	0	0	0	0	0
8/3/1990	0	0	0	0	0	0	0
8/4/1990	0	0	0	0	0	0	0
8/5/1990	0	0	0	0	0	0	0
8/6/1990	0	0	0	0	0	0	0
8/7/1990	0	0	0	0	0	0	0
8/8/1990	0	0	0	0	0	0	0
8/9/1990	0	0	0	0	0	0	0
8/10/1990	0	0	0	0	0	0	0
8/11/1990	0	0	0	0	0	0	0
8/12/1990	0	0	0	0	0	0	0
8/13/1990	0	0	0	0	0	0	0
8/14/1990	0	0	0	0	0	0	0
8/15/1990	0	0	0	0	0	0	0
8/16/1990	0	0	0	0	0	0	0
8/17/1990	0	0	0	0	0	0	0
8/18/1990	0	109	60	0	0	0	0
8/19/1990	0	0	0	0	0	0	0
8/20/1990	282	0	0	126	0	0	0
8/21/1990	242	117	53	106	30	0	0
8/22/1990	282	63	52	116	176	0	0
8/23/1990	293	152	60	86	116	0	0
8/24/1990	238	132	57	60	95	0	0
8/25/1990	0	0	0	0	81	0	0
8/26/1990	0	0	0	0	0	0	0
8/27/1990	0	0	0	0	0	0	0
8/28/1990	0	0	0	0	0	0	0
8/29/1990	0	0	0	0	0	0	0
8/30/1990	0	0	0	0	0	0	0
8/31/1990	0	0	0	0	0	0	0
9/1/1990	0	0	0	0	0	0	0
9/2/1990	0	0	0	0	0	0	0
9/3/1990	0	0	0	0	0	0	0
9/4/1990	0	0	0	0	0	0	0
9/5/1990	0	0	0	0	0	0	0
9/6/1990	0	0	0	0	0	0	0
9/7/1990	0	0	0	0	0	0	0
9/8/1990	0	0	0	0	0	0	0
9/9/1990	0	0	0	0	0	0	0
9/10/1990	0	0	0	0	0	0	0
9/11/1990	0	0	0	0	0	0	0
9/12/1990	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
1990
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1990	0	0	0	0	0	0	0
9/14/1990	0	0	0	0	0	0	0
9/15/1990	0	0	0	0	0	0	0
9/16/1990	0	0	0	0	0	0	0
9/17/1990	0	0	0	0	0	0	0
9/18/1990	0	0	0	0	0	0	0
9/19/1990	0	0	0	0	0	0	0
9/20/1990	0	0	0	0	0	0	0
9/21/1990	0	0	0	0	0	0	0
9/22/1990	0	0	0	0	0	0	0
9/23/1990	0	0	0	0	0	0	0
9/24/1990	0	100	60	0	0	0	0
9/25/1990	200	0	0	0	0	0	0
9/26/1990	260	104	69	20	0	0	0
9/27/1990	189	160	68	20	0	0	0
9/28/1990	232	197	71	26	0	0	0
9/29/1990	235	178	69	12	0	0	0
9/30/1990	0	0	0	0	0	0	0
10/1/1990	0	0	0	0	0	0	0
10/2/1990	0	0	0	0	0	0	0
10/3/1990	0	0	0	0	0	0	0
10/4/1990	0	0	0	0	0	0	0
10/5/1990	0	0	0	0	0	0	0
10/6/1990	0	0	0	0	0	0	0
10/7/1990	0	0	0	0	0	0	0
10/8/1990	0	0	0	0	0	0	0
10/9/1990	0	0	0	0	0	0	0
10/10/1990	0	0	0	0	0	0	0
10/11/1990	0	0	0	0	0	0	0
10/12/1990	0	0	0	0	0	0	0
10/13/1990	0	0	0	0	0	0	0
10/14/1990	0	0	0	0	0	0	0
10/15/1990	0	0	0	0	0	0	0
10/16/1990	0	0	0	0	0	0	0
10/17/1990	0	0	0	0	0	0	0
10/18/1990	0	0	0	0	0	0	0
10/19/1990	0	0	0	0	0	0	0
10/20/1990	0	0	0	0	0	0	0
10/21/1990	0	0	0	0	0	0	0
10/22/1990	0	0	0	0	0	0	0
10/23/1990	0	0	0	0	0	0	0
10/24/1990	0	0	0	0	0	0	0
10/25/1990	0	0	0	0	0	0	0
10/26/1990	0	0	0	0	0	0	0
10/27/1990	0	0	0	0	0	0	0
10/28/1990	0	0	0	0	0	0	0
10/29/1990	0	0	0	0	0	0	0
10/30/1990	0	0	0	0	0	0	0
10/31/1990	0	0	0	0	0	0	0
						0	0
						Maximum	Total

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Calculations for Richfield Canal Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1991	0	0	0	0	0	0	0
4/2/1991	0	0	0	0	0	0	0
4/3/1991	0	0	0	0	0	0	0
4/4/1991	0	0	0	0	0	0	0
4/5/1991	0	0	0	0	0	0	0
4/6/1991	0	0	0	0	0	0	0
4/7/1991	0	0	0	0	0	0	0
4/8/1991	0	0	0	0	0	0	0
4/9/1991	0	0	0	0	0	0	0
4/10/1991	0	0	0	0	0	0	0
4/11/1991	0	0	0	0	0	0	0
4/12/1991	0	0	0	0	0	0	0
4/13/1991	0	0	0	0	0	0	0
4/14/1991	0	0	0	0	0	0	0
4/15/1991	0	0	0	0	0	0	0
4/16/1991	0	0	0	0	0	0	0
4/17/1991	0	0	0	0	0	0	0
4/18/1991	0	0	0	0	0	0	0
4/19/1991	0	0	0	0	0	0	0
4/20/1991	0	0	0	0	0	0	0
4/21/1991	0	0	0	0	0	0	0
4/22/1991	0	0	0	0	0	0	0
4/23/1991	0	0	0	0	0	0	0
4/24/1991	0	0	0	0	0	0	0
4/25/1991	0	0	0	0	0	0	0
4/26/1991	0	0	0	0	0	0	0
4/27/1991	0	0	0	0	0	0	0
4/28/1991	0	0	0	0	0	0	0
4/29/1991	0	0	0	0	0	0	0
4/30/1991	0	0	0	0	0	0	0
5/1/1991	0	0	0	0	0	0	0
5/2/1991	0	0	0	0	0	0	0
5/3/1991	0	0	0	0	0	0	0
5/4/1991	0	0	0	0	0	0	0
5/5/1991	0	0	0	0	0	0	0
5/6/1991	0	0	0	0	0	0	0
5/7/1991	0	0	0	0	0	0	0
5/8/1991	0	0	0	0	0	0	0
5/9/1991	0	0	0	0	0	0	0
5/10/1991	0	0	0	0	0	0	0
5/11/1991	0	0	0	0	0	0	0
5/12/1991	0	0	0	0	0	0	0
5/13/1991	0	0	0	0	0	0	0
5/14/1991	0	0	0	0	0	0	0
5/15/1991	0	0	0	0	0	0	0
5/16/1991	0	0	0	0	0	0	0
5/17/1991	0	0	0	0	0	0	0
5/18/1991	0	0	0	0	0	0	0
5/19/1991	0	0	0	0	0	0	0
5/20/1991	0	0	0	0	0	0	0
5/21/1991	0	0	0	0	0	0	0
5/22/1991	298	0	0	116	0	0	0
5/23/1991	349	0	0	159	215	0	0
5/24/1991	410	0	0	114	158	0	0
5/25/1991	430	0	0	106	152	0	0

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Calculations for Richfield Canal Flow
1991
Brockway Engineering, PLLC
3-Aug-18

Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1991	434	0	0	93	166	0	0
5/27/1991	487	0	0	83	109	0	0
5/28/1991	491	0	0	108	155	0	0
5/29/1991	499	0	0	112	152	0	0
5/30/1991	512	0	0	114	155	0	0
5/31/1991	497	0	0	108	149	0	0
6/1/1991	493	199	105	106	139	0	0
6/2/1991	506	207	106	110	139	0	0
6/3/1991	510	204	106	108	139	0	0
6/4/1991	506	204	106	108	141	0	0
6/5/1991	585	225	117	120	169	0	0
6/6/1991	574	215	114	141	176	0	0
6/7/1991	577	216	114	141	176	0	0
6/8/1991	567	212	112	136	113	0	0
6/9/1991	567	212	112	130	113	0	0
6/10/1991	559	212	112	130	157	0	0
6/11/1991	555	211	112	128	157	0	0
6/12/1991	546	211	112	128	157	0	0
6/13/1991	550	207	111	124	149	0	0
6/14/1991	577	212	112	147	166	0	0
6/15/1991	584	212	112	147	171	0	0
6/16/1991	583	212	112	147	169	0	0
6/17/1991	579	212	112	147	173	0	0
6/18/1991	577	212	112	147	173	0	0
6/19/1991	581	212	114	150	176	0	0
6/20/1991	579	210	114	150	176	0	0
6/21/1991	581	215	115	154	173	0	0
6/22/1991	568	206	112	145	176	0	0
6/23/1991	581	207	113	147	174	0	0
6/24/1991	572	204	112	145	173	0	0
6/25/1991	572	202	112	141	171	0	0
6/26/1991	592	208	114	150	166	0	0
6/27/1991	533	212	115	152	182	0	0
6/28/1991	535	213	115	152	186	0	0
6/29/1991	524	210	114	150	186	0	0
6/30/1991	535	215	115	152	186	0	0
7/1/1991	524	207	114	147	186	0	0
7/2/1991	529	210	114	150	184	0	0
7/3/1991	544	215	115	152	182	0	0
7/4/1991	544	211	115	150	181	0	0
7/5/1991	550	216	116	154	173	0	0
7/6/1991	552	216	116	154	174	0	0
7/7/1991	552	211	115	152	174	0	0
7/8/1991	546	212	117	152	176	0	0
7/9/1991	533	206	115	150	176	0	0
7/10/1991	535	210	115	152	174	0	0
7/11/1991	0	0	0	0	0	0	0
7/12/1991	0	0	0	0	0	0	0
7/13/1991	0	0	0	0	0	0	0
7/14/1991	0	0	0	0	0	0	0
7/15/1991	0	0	0	0	0	0	0
7/16/1991	0	0	0	0	0	0	0
7/17/1991	0	0	0	0	0	0	0
7/18/1991	0	0	0	0	0	0	0
7/19/1991	0	0	0	0	0	0	0

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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1991	0	0	0	0	0	0	0
7/21/1991	0	0	0	0	0	0	0
7/22/1991	0	0	0	0	0	0	0
7/23/1991	0	0	0	0	0	0	0
7/24/1991	0	0	0	0	0	0	0
7/25/1991	0	0	0	0	0	0	0
7/26/1991	0	0	0	0	0	0	0
7/27/1991	0	0	0	0	0	0	0
7/28/1991	0	0	0	0	0	0	0
7/29/1991	0	0	0	0	0	0	0
7/30/1991	0	0	0	0	0	0	0
7/31/1991	0	0	0	0	0	0	0
8/1/1991	0	0	0	0	0	0	0
8/2/1991	0	0	0	0	0	0	0
8/3/1991	0	0	0	0	0	0	0
8/4/1991	0	0	0	0	0	0	0
8/5/1991	0	0	0	0	0	0	0
8/6/1991	0	0	0	0	0	0	0
8/7/1991	0	0	0	0	0	0	0
8/8/1991	0	0	0	0	0	0	0
8/9/1991	0	0	0	0	0	0	0
8/10/1991	0	0	0	0	0	0	0
8/11/1991	0	0	0	0	0	0	0
8/12/1991	0	0	0	0	0	0	0
8/13/1991	0	0	0	0	105	0	0
8/14/1991	0	0	0	0	179	0	0
8/15/1991	0	0	0	0	125	0	0
8/16/1991	0	0	0	0	141	0	0
8/17/1991	0	0	0	0	0	0	0
8/18/1991	0	0	0	0	0	0	0
8/19/1991	0	0	0	0	0	0	0
8/20/1991	0	0	0	0	0	0	0
8/21/1991	0	0	0	0	0	0	0
8/22/1991	0	0	0	0	0	0	0
8/23/1991	0	0	0	0	0	0	0
8/24/1991	0	0	0	0	0	0	0
8/25/1991	0	0	0	0	0	0	0
8/26/1991	0	0	0	0	0	0	0
8/27/1991	0	0	0	0	0	0	0
8/28/1991	0	0	0	0	0	0	0
8/29/1991	0	0	0	0	0	0	0
8/30/1991	0	0	0	0	0	0	0
8/31/1991	0	0	0	0	0	0	0
9/1/1991	0	0	0	0	0	0	0
9/2/1991	0	0	0	0	0	0	0
9/3/1991	0	0	0	0	0	0	0
9/4/1991	0	0	0	0	0	0	0
9/5/1991	0	0	0	0	0	0	0
9/6/1991	0	0	0	0	0	0	0
9/7/1991	0	0	0	0	0	0	0
9/8/1991	0	0	0	0	0	0	0
9/9/1991	0	0	0	0	0	0	0
9/10/1991	0	0	0	0	0	0	0
9/11/1991	0	0	0	0	0	0	0
9/12/1991	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1991	0	0	0	0	0	0	0
9/14/1991	0	0	0	0	0	0	0
9/15/1991	0	0	0	0	0	0	0
9/16/1991	0	0	0	0	0	0	0
9/17/1991	0	0	0	0	0	0	0
9/18/1991	0	0	0	0	0	0	0
9/19/1991	0	0	0	0	0	0	0
9/20/1991	0	0	0	0	0	0	0
9/21/1991	0	0	0	0	0	0	0
9/22/1991	0	0	0	0	0	0	0
9/23/1991	0	0	0	0	0	0	0
9/24/1991	0	0	0	0	0	0	0
9/25/1991	0	0	0	0	0	0	0
9/26/1991	0	0	0	0	0	0	0
9/27/1991	0	0	0	0	0	0	0
9/28/1991	0	0	0	0	0	0	0
9/29/1991	0	0	0	0	0	0	0
9/30/1991	0	0	0	0	0	0	0
10/1/1991	0	0	0	0	0	0	0
10/2/1991	0	0	0	0	0	0	0
10/3/1991	0	0	0	0	0	0	0
10/4/1991	0	0	0	0	0	0	0
10/5/1991	0	0	0	0	0	0	0
10/6/1991	0	0	0	0	0	0	0
10/7/1991	0	0	0	0	0	0	0
10/8/1991	0	0	0	0	0	0	0
10/9/1991	0	0	0	0	0	0	0
10/10/1991	0	0	0	0	0	0	0
10/11/1991	0	0	0	0	0	0	0
10/12/1991	0	0	0	0	0	0	0
10/13/1991	0	0	0	0	0	0	0
10/14/1991	0	0	0	0	0	0	0
10/15/1991	0	0	0	0	0	0	0
10/16/1991	0	0	0	0	0	0	0
10/17/1991	0	0	0	0	0	0	0
10/18/1991	0	0	0	0	0	0	0
10/19/1991	0	0	0	0	0	0	0
10/20/1991	0	0	0	0	0	0	0
10/21/1991	0	0	0	0	0	0	0
10/22/1991	0	0	0	0	0	0	0
10/23/1991	0	0	0	0	0	0	0
10/24/1991	0	0	0	0	0	0	0
10/25/1991	0	0	0	0	0	0	0
10/26/1991	0	0	0	0	0	0	0
10/27/1991	0	0	0	0	0	0	0
10/28/1991	0	0	0	0	0	0	0
10/29/1991	0	0	0	0	0	0	0
10/30/1991	0	0	0	0	0	0	0
10/31/1991	0	0	0	0	0	0	0
11/1/1991	0	0	0	0	0	0	0
11/2/1991	0	0	0	0	0	0	0
11/3/1991	0	0	0	0	0	0	0
11/4/1991	0	0	0	0	0	0	0
11/5/1991	0	0	0	0	0	0	0
11/6/1991	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
11/7/1991	0	0	0	0	0	0	0
11/8/1991	0	0	0	0	0	0	0
11/9/1991	0	0	0	0	0	0	0
11/10/1991	0	0	0	0	0	0	0
11/11/1991	0	0	0	0	0	0	0
11/12/1991	0	0	0	0	0	0	0
11/13/1991	0	0	0	0	0	0	0
11/14/1991	0	0	0	0	0	0	0
11/15/1991	0	0	0	0	0	0	0
11/16/1991	0	0	0	0	0	0	0
11/17/1991	0	0	0	0	0	0	0
11/18/1991	0	0	0	0	0	0	0
11/19/1991	0	0	0	0	0	0	0
11/20/1991	0	0	0	0	0	0	0
11/21/1991	0	0	0	0	0	0	0
11/22/1991	0	0	0	0	0	0	0
						0	0
						Maximum	Total

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
4/1/1992	0	0	0	0	0	0	0
4/2/1992	0	0	0	0	0	0	0
4/3/1992	0	0	0	0	0	0	0
4/4/1992	0	0	0	0	0	0	0
4/5/1992	0	0	0	0	0	0	0
4/6/1992	0	0	0	0	0	0	0
4/7/1992	0	0	0	0	0	0	0
4/8/1992	0	0	0	0	0	0	0
4/9/1992	0	0	0	0	0	0	0
4/10/1992	0	0	0	0	0	0	0
4/11/1992	0	0	0	0	0	0	0
4/12/1992	0	0	0	0	0	0	0
4/13/1992	0	0	0	0	0	0	0
4/14/1992	0	0	0	0	0	0	0
4/15/1992	0	0	0	0	0	0	0
4/16/1992	0	0	0	0	0	0	0
4/17/1992	0	0	0	0	0	0	0
4/18/1992	0	0	0	0	0	0	0
4/19/1992	0	0	0	0	0	0	0
4/20/1992	0	0	0	0	0	0	0
4/21/1992	0	0	0	0	0	0	0
4/22/1992	0	0	0	0	0	0	0
4/23/1992	0	0	0	0	0	0	0
4/24/1992	0	0	0	0	0	0	0
4/25/1992	0	0	0	0	0	0	0
4/26/1992	0	0	0	0	0	0	0
4/27/1992	0	0	0	0	0	0	0
4/28/1992	0	0	0	0	0	0	0
4/29/1992	0	0	0	0	0	0	0
4/30/1992	0	0	0	132	0	0	0
5/1/1992	315	0	0	170	181	0	0
5/2/1992	360	0	0	190	212	0	0
5/3/1992	406	0	0	163	181	0	0
5/4/1992	524	0	0	172	201	0	0
5/5/1992	526	0	0	152	171	0	0
5/6/1992	529	0	0	132	173	0	0
5/7/1992	537	0	0	141	173	0	0
5/8/1992	583	0	0	156	181	0	0
5/9/1992	588	0	0	184	208	0	0
5/10/1992	592	0	0	184	215	0	0
5/11/1992	579	0	0	182	215	0	0
5/12/1992	590	0	0	182	246	0	0
5/13/1992	590	0	0	184	250	0	0
5/14/1992	592	0	0	184	241	0	0
5/15/1992	594	0	0	180	238	0	0
5/16/1992	592	0	0	170	239	0	0
5/17/1992	583	0	0	161	224	0	0
5/18/1992	574	0	0	154	224	0	0
5/19/1992	557	0	0	150	224	0	0
5/20/1992	541	0	0	141	203	0	0
5/21/1992	343	0	0	110	192	0	0
5/22/1992	0	0	0	0	0	0	0
5/23/1992	0	0	0	0	0	0	0
5/24/1992	0	0	0	0	0	0	0
5/25/1992	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
5/26/1992	0	0	0	0	0	0	0
5/27/1992	0	0	0	0	0	0	0
5/28/1992	0	0	0	0	0	0	0
5/29/1992	0	0	0	0	0	0	0
5/30/1992	0	0	0	0	0	0	0
5/31/1992	0	0	0	0	0	0	0
6/1/1992	0	0	0	0	0	0	0
6/2/1992	0	0	0	0	0	0	0
6/3/1992	0	0	0	0	0	0	0
6/4/1992	0	0	0	0	0	0	0
6/5/1992	0	0	0	0	0	0	0
6/6/1992	0	0	0	0	0	0	0
6/7/1992	0	0	0	0	0	0	0
6/8/1992	0	0	0	0	0	0	0
6/9/1992	0	0	0	0	0	0	0
6/10/1992	0	0	0	0	0	0	0
6/11/1992	0	0	0	0	0	0	0
6/12/1992	0	0	0	0	0	0	0
6/13/1992	0	0	0	0	0	0	0
6/14/1992	0	0	0	0	0	0	0
6/15/1992	0	0	0	0	0	0	0
6/16/1992	0	0	0	0	0	0	0
6/17/1992	0	0	0	0	0	0	0
6/18/1992	0	0	0	0	0	0	0
6/19/1992	0	0	0	0	0	0	0
6/20/1992	0	0	0	0	0	0	0
6/21/1992	0	0	0	0	0	0	0
6/22/1992	0	0	0	0	0	0	0
6/23/1992	0	0	0	0	0	0	0
6/24/1992	0	0	0	0	0	0	0
6/25/1992	0	0	0	0	0	0	0
6/26/1992	0	0	0	0	0	0	0
6/27/1992	347	161	81	118	0	0	0
6/28/1992	426	0	0	118	0	0	0
6/29/1992	456	212	103	154	221	0	0
6/30/1992	444	207	102	147	217	0	0
7/1/1992	408	0	0	0	194	0	0
7/2/1992	0	0	0	0	0	0	0
7/3/1992	0	0	0	0	0	0	0
7/4/1992	0	0	0	0	0	0	0
7/5/1992	0	0	0	0	0	0	0
7/6/1992	0	0	0	0	0	0	0
7/7/1992	0	0	0	0	0	0	0
7/8/1992	0	0	0	0	0	0	0
7/9/1992	0	0	0	0	0	0	0
7/10/1992	0	0	0	0	0	0	0
7/11/1992	0	0	0	0	0	0	0
7/12/1992	0	0	0	0	0	0	0
7/13/1992	0	0	0	0	0	0	0
7/14/1992	0	0	0	0	0	0	0
7/15/1992	0	0	0	0	0	0	0
7/16/1992	0	0	0	0	0	0	0
7/17/1992	0	0	0	0	0	0	0
7/18/1992	0	0	0	0	0	0	0
7/19/1992	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
7/20/1992	0	0	0	0	0	0	0
7/21/1992	0	0	0	0	0	0	0
7/22/1992	0	0	0	0	0	0	0
7/23/1992	0	0	0	0	0	0	0
7/24/1992	0	0	0	0	0	0	0
7/25/1992	0	0	0	0	0	0	0
7/26/1992	0	0	0	0	0	0	0
7/27/1992	0	0	0	0	0	0	0
7/28/1992	0	0	0	0	0	0	0
7/29/1992	0	0	0	0	0	0	0
7/30/1992	0	0	0	0	0	0	0
7/31/1992	0	0	0	0	0	0	0
8/1/1992	0	0	0	0	0	0	0
8/2/1992	0	0	0	0	0	0	0
8/3/1992	0	0	0	0	0	0	0
8/4/1992	0	0	0	0	0	0	0
8/5/1992	0	0	0	0	0	0	0
8/6/1992	0	0	0	0	0	0	0
8/7/1992	0	0	0	0	0	0	0
8/8/1992	0	0	0	0	0	0	0
8/9/1992	0	0	0	0	0	0	0
8/10/1992	0	0	0	0	0	0	0
8/11/1992	0	0	0	0	0	0	0
8/12/1992	0	0	0	0	0	0	0
8/13/1992	0	0	0	0	0	0	0
8/14/1992	0	0	0	0	0	0	0
8/15/1992	0	0	0	0	0	0	0
8/16/1992	0	0	0	0	0	0	0
8/17/1992	0	0	0	0	0	0	0
8/18/1992	0	0	0	0	0	0	0
8/19/1992	0	0	0	0	0	0	0
8/20/1992	0	0	0	0	0	0	0
8/21/1992	0	0	0	0	0	0	0
8/22/1992	0	0	0	0	0	0	0
8/23/1992	0	0	0	0	0	0	0
8/24/1992	295	0	0	0	0	0	0
8/25/1992	416	84	63	218	0	0	0
8/26/1992	414	145	84	150	0	0	0
8/27/1992	362	168	82	79	0	0	0
8/28/1992	0	0	0	0	0	0	0
8/29/1992	0	0	0	0	0	0	0
8/30/1992	0	0	0	0	0	0	0
8/31/1992	0	0	0	0	0	0	0
9/1/1992	0	0	0	0	0	0	0
9/2/1992	0	0	0	0	0	0	0
9/3/1992	0	0	0	0	0	0	0
9/4/1992	0	0	0	0	0	0	0
9/5/1992	0	0	0	0	0	0	0
9/6/1992	0	0	0	0	0	0	0
9/7/1992	0	0	0	0	0	0	0
9/8/1992	0	0	0	0	0	0	0
9/9/1992	0	0	0	0	0	0	0
9/10/1992	0	0	0	0	0	0	0
9/11/1992	0	0	0	0	0	0	0
9/12/1992	0	0	0	0	0	0	0

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Calculations for Richfield Canal Flow
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Date	No. 4 Flow (cfs)	East Canal Flow (cfs)	West Canal Flow (cfs)	HJB Flow (cfs)	MJB Flow (cfs)	Recharge (cfs)	Recharge (acft)
9/13/1992	0	0	0	0	0	0	0
9/14/1992	0	0	0	0	0	0	0
9/15/1992	0	0	0	0	0	0	0
9/16/1992	0	0	0	0	0	0	0
9/17/1992	0	0	0	0	0	0	0
9/18/1992	0	0	0	0	0	0	0
9/19/1992	0	0	0	0	0	0	0
9/20/1992	0	0	0	0	0	0	0
9/21/1992	0	0	0	0	0	0	0
9/22/1992	0	0	0	0	0	0	0
9/23/1992	0	0	0	0	0	0	0
9/24/1992	0	0	0	0	0	0	0
9/25/1992	0	0	0	0	0	0	0
9/26/1992	0	0	0	0	206	0	0
9/27/1992	0	0	0	0	132	0	0
9/28/1992	0	0	0	0	0	0	0
9/29/1992	0	0	0	0	0	0	0
9/30/1992	0	0	0	0	0	0	0
10/1/1992	0	0	0	0	0	0	0
10/2/1992	0	0	0	0	0	0	0
10/3/1992	0	0	0	0	0	0	0
10/4/1992	0	0	0	0	0	0	0
10/5/1992	0	0	0	0	0	0	0
10/6/1992	0	0	0	0	0	0	0
10/7/1992	0	0	0	0	0	0	0
10/8/1992	0	0	0	0	0	0	0
10/9/1992	0	0	0	0	0	0	0
10/10/1992	0	0	0	0	0	0	0
10/11/1992	0	0	0	0	0	0	0
10/12/1992	0	0	0	0	0	0	0
10/13/1992	0	0	0	0	0	0	0
10/14/1992	0	0	0	0	0	0	0
10/15/1992	0	0	0	0	0	0	0
10/16/1992	0	0	0	0	0	0	0
10/17/1992	0	0	0	0	0	0	0
10/18/1992	0	0	0	0	0	0	0
10/19/1992	0	0	0	0	0	0	0
10/20/1992	0	0	0	0	0	0	0
10/21/1992	0	0	0	0	0	0	0
10/22/1992	0	0	0	0	0	0	0
10/23/1992	0	0	0	0	0	0	0
10/24/1992	0	0	0	0	0	0	0
10/25/1992	0	0	0	0	0	0	0
10/26/1992	0	0	0	0	0	0	0
10/27/1992	0	0	0	0	0	0	0
10/28/1992	0	0	0	0	0	0	0
10/29/1992	0	0	0	0	0	0	0
10/30/1992	0	0	0	0	0	0	0
10/31/1992	0	0	0	0	0	0	0
						0	0
						Maximum	Total

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Appendix O

Summary of Diverted Volume of Recharge During Development Period

Calculated Recharge Volume Diverted under Water Right Permit No. 37-7842 During the Development Period

Brockway Engineering, PLLC
GEP – August 1, 2018

The recharge volume diverted to the Dietrich site was calculated based on the estimated flow diverted into the Dietrich Canal. Spreadsheet calculations are shown in Appendix L. The largest volume of recharge at the Dietrich site occurred in 1984 with 12,942 acft diverted. The total recharge volume delivered through the Dietrich Canal by year are shown in Table A.

The Shoshone site had the maximum volume diverted for recharge during the development period in 1984, with 2,126 acft. Although the 1982 data has a higher volume, the permit was approved on June 2, 1982, which means portions of the spring runoff were not part of the development period and therefore 1982 volumes are ignored. Spreadsheet calculations are shown in Appendix M. Annual recharge volumes delivered to the Shoshone site from the Big Wood or Little Wood Rivers are shown in Table A.

The maximum recharge volume diverted into the Richfield Canal system during the non-irrigation system occurred in 1987 with 4,245 acft recharged. The volume calculated for the 1982 recharge is not considered based on the discussion above. Spreadsheet calculations are shown in Appendix N. Annual recharge volumes diverted from the Big Wood River into the Richfield Canal system are shown in Table A.

Total Volume diverted under a single year occurred in 1984 with 16,450 acft of water diverted for groundwater recharge. The concern about the volume limit is illustrated with this data. The total volume of recharge in 1982 was greater than 1984 with 17,046 acft calculated recharge, but this volume would not have been allowed, with the volume restrictions to 1984.

Table A. Volume diverted for recharge based on daily watermaster flow rate information and the methodology for calculating the flow rates as described above. The 1982 and 1992 volume data has an asterisk by them because the development period started on June 2, 1982 and ended on June 1, 1992. The year 1984 had the highest annual recharge volume of 16,450 acft and is highlighted.

Year	Dietrich Volume (afa)	Shoshone Volume (afa)	Richfield Canal Volume (afa)	Total (afa)
1982	10,259*	2,204*	4,584*	17,046*
1983	1,699	1,839	4,320	7,857
1984	12,942	2,126	1,382	16,450
1985	4,786	1,371	2,075	8,231
1986	3,363	327	464	4,154
1987	4,431	0	4,245	8,676
1988	4,765	0	0	4,765
1989	4,753	111	278	5,141
1990	3,416	0	0	3,416
1991	1,779	6	0	1,785
1992	4,062*	12*	0*	4,074*