

Malta Agrimet Station (Precipitation Deficit)

ET_{Idaho} 2012

	mm	ft
<u>Alfalfa - frequent cuttings</u>	851	2.8
<u>Silage Corn - truncated season</u>	564	1.9
<u>Winter Grain - Irrigated</u>	597	2.0
<u>Potatoes - cold pack (late harvest)</u>	538	1.8
<u>Sugar Beets</u>	660	2.2
<u>Grass Pasture - high management</u>	857	2.8

Average Crop Consumptive Use **2.22** ft

Historical Consumptive Use Pre Stock and Commercial Transfers

	Acres	Consumptive AF/Acre ⁴	Consumptive Acre-Feet ⁵
Large PPU Farm	7150.6	2.22	15903
Buck Farm	967.1	2.22	2151
1st S/C Transfer 72837 (2006) ¹	255.0	2.37	604.4
2nd S/C Transfer 73648 (2008) ²	331.1	2.37	784.7
3rd S/C Transfer 80638 (2016) ³	212.4	3.00	637.2
	8,916.2		20,080

Proposed Consumptive Use 2019

	Acres	Consumptive AF/Acre ⁴	Consumptive Acre-Feet ⁵
Large PPU Farm	7150.6	2.22	15903
Buck Farm	967.1	2.22	2151
1st S/C Transfer 72837 (2006) ¹	236.4	2.37	560.3
2nd S/C Transfer 73648 (2008) ²	247.0	2.37	585.4
3rd S/C Transfer 80638 (2016) ³	212.4	3.00	637
Expansion Acres	-773.7	2.22	-1721
Green Water Acres ⁶	619.0	0.00	0
	8,658.8		18,116

Notes

1. Transfer 72837 dried up a total of 255.0 acres. There were 236.4 acres dried up and converted to S/C and 18.6 acres of expansion water right dried up and not converted.
2. Transfer 72648 dried up a total of 331.1 acres. There were 247.0 acres dried up and converted to S/C and 84.1 acres of expansion water right dried up and not converted.
3. Transfer 80638 dried up 212.4 acres there were converted to S/C with no expansion water right acres being dried up.
4. Consumptive AF/Acre is based on the average Precipitation Deficient at the Agrimet Station in Malta or the consumptive use assigned to acres being converted from irrigation to stock and commercial water with approved IDWR Transfers.
5. Consumptive Acre-Feet is calculated by multiplying the Acres by the Consumptive AF/Acre
6. Total annual storage of 1,562.7.0 acre feet divided by the average consumptive use of 2.22 AF/acre with an application efficiency of 88% would allow 619.0 acres of land application of green water.

TRANSFER 81940
APPLICANT'S
EXHIBIT 7