Snow depth and Moisture content - Winter of 2017-2018

Snake River Watershed

Sample #	Date	Location Qtr & Section	Township	Snow depth	Snow Wt-oz	Snow wt/1.81 = inches H2O	inches H2O/snow depth=% moisture	Melted Inches in gauge	Inches in Gage/.256=inches of H2O	inches of H2O / snow depth=% moisture
Sna 1	3/28/18	NW4 27	Viking	12	8.2	4.53	37.8%			
Sna 2	3/28/18	SE4 31	New Solum	11	4	2.21	20.1%			
Sna 3	3/28/18	SW4 3	New Solum	16	7.4	4.09	25.6%			
Sna 4	3/28/18	SE4 5	Viking	12	6.1	3.37	28.1%			
Sna 5	3/28/18	NW4 23	McCrea	9	12.2	6.74	74.9%			
	Average			12	7.58	4.19	37.3%			

Samples were taken in areas least susceptible to blowing and drifting snow …. Protected wooded areas and protected CRP areas. Observed a hard crust of _____ to _____ inches with granular snow underneath.

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Snow depth and Moisture content - Winter of 2017-2018

Middle River Watershed

Sample #	Date	Location Qtr & Section	Township	Snow depth	Snow Wt-oz	Snow wt/1.81 = inches H2O	inches H2O/snow depth=% moisture	Melted Inches in gauge	Inches in Gage/.256=inches of H2O	inches of H2O / snow depth=% moisture
M1	3/28/18	SE4 32	New Folden	5	5.9	3.26	65.2%			
M2	3/28/18	SW4 8	Spruce Valley	15	7.4	4.09	27.3%			
M3	3/28/18	SE4 23	Como	8	2.7	1.49	18.6%			
M4	3/28/18	SE4 NE4 1	Spruce Valley	11	4.4	2.43	22.1%			
M5	3/28/18	SE4 2	New Maine	12	9.6	5.30	44.2%			
M6	3/28/18	SW4 7	Foldahl	11	8.3	4.59	41.7%			
	Average			10.3	6.4	3.5	36.5%			

Samples were taken in areas least susceptible to blowing and drifting snow …. Protected wooded areas and protected CRP areas. Observed a hard crust of _____ to _____ inches with granular snow underneath.

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Snow depth and Moisture content - Winter of 2017-2018

Angus-Oslo Watershed

Sample #	Date	Location Qtr & Section	Township	Snow depth	Snow Wt-oz	Snow wt/1.81 = inches H2O	inches H2O/snow depth=% moisture	Melted Inches in gauge	Inches in Gage/.256=inches of H2O	inches of H2O / snow depth=% moisture
AGV 1	3/28/18	NW4 24	Brislet	11	6.7	3.70	33.7%			
AO 1	3/28/18	SE4 31	Helgeland	6	3.4	1.88	31.3%			
AO 2	3/28/18	SW4 22	Brandt	13	9.8	5.41	41.6%			
AO 3	3/28/18	SE4 33	Helgeland	6	5.5	3.04	50.6%			
AO 4	3/28/18	SE4 4	Helgeland	16	10.1	5.58	34.9%			
AO 5	3/28/18	NE4 16	Numendal	12	7	3.87	32.2%			
	Average			10.7	7.1	3.9	37.4%			

Samples were taken in areas least susceptible to blowing and drifting snow …. Protected wooded areas and protected CRP areas. Observed a hard crust of _____ to _____ inches with granular snow underneath.

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Snow depth and Moisture content - Winter of 2017-2018

Tamarac River Watershed

Sample #	Date	Location Qtr & Section	Township	Snow depth	Snow Wt-oz	Snow wt/1.81 = inches H2O	inches H2O/snow depth=% moisture	Melted Inches in gauge	Inches in Gage/.256=inches of H2O	inches of H2O / snow depth=% moisture
Tam 1	3/28/18	NE4 NW4 11	East Park	16	5.7	3.15	19.7%			
Tam 2	3/28/18	NE4 NW4 14	Nelson Park	7	3.3	1.82	26.0%			
Tam 3	3/28/18	SE4 4	Wright	8	5	2.76	34.5%			
Tam 4	3/28/18	NW4 26	Wanger	3	2.4	1.33	44.2%			
	Average			8.5	4.1	2.27	31.1%			

Samples were taken in areas least susceptible to blowing and drifting snow …. Protected wooded areas and protected CRP areas. Observed a hard crust of _____ to _____ inches with granular snow underneath.

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