



Alaska Crop Weather

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Released: June 3, 2013

GENERAL: There were **6.5 days suitable for fieldwork** last week. Temperatures were above normal in the main growing areas, allowing many fields to dry out enough to be planted. **Topsoil moisture** supplies were reported as 10% short, 80% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 95% adequate, 5% surplus. **Barley** was reported as 99% planted, 25% emerged. **Oats** were reported as 80% planted, 1% emerged. **Potatoes** were reported as 70% planted. **Pasture and range condition** was reported as 50% poor, 35% fair, 15% good. **Condition of livestock** was reported as 40% fair, 50% good, 10% excellent. **Winter damage to grass fields** was reported as 85% none, 10% light, 5% moderate. The main **farm activities** for the week were planting small grains and potatoes, cultivating fields, fertilizing hay and pasture ground, equipment maintenance.

CROP WEATHER SUMMARY		
May 29 – June 2, 2013		
Days Suitable for Fieldwork: 6.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	0%
Adequate	80%	95%
Surplus	10%	5%
Pan Evaporation*, UAF-AFES, Trunk Rd		1.63

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 80% adequate, 5% surplus. **Subsoil moisture** was reported as 95% adequate, 5% surplus. **Barley** was reported as 100% planted, 25% emerged. **Oats** were reported as 80% planted, 1% emerged. **Potatoes** were reported as 50% planted. **Pasture and range condition** was reported as 75% poor, 25% adequate. **Condition of livestock** was reported as 35% fair, 50% good, 15% excellent. **Farm activities** for the week included planting small grains and potatoes, cultivating, fertilizing hay and pasture ground, equipment maintenance.

MATANUSKA VALLEY: An average of **6.0 day was suitable for fieldwork**. **Topsoil moisture** was reported as 85% adequate, 15% surplus. **Subsoil moisture** was reported as 90% adequate, 10% surplus. Small grain seeding was underway. **Potatoes** were reported as 80% planted. **Pasture and range condition** was reported as 35% poor, 30% fair, 35% good. **Condition of livestock** was reported as 30% fair, 60% good, 10% excellent. **Farm activities** for the week included planting potatoes, vegetables and small grains, cultivating fields, applying fertilizer, working in greenhouses.

KENAI PENINSULA: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Pasture and range condition** was reported as 25% poor, 75% fair. **Condition of livestock** was reported as 100% fair. **Farm activities** for the week included equipment preparation and limited field work due to wet fields.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2013	2012	2011	2013	2012	2011	High	Low	
UAF-AFES, Trunk Rd	42	na	51	50	na	55	80	39	0.06
Sawmill Creek	44	44	38	na	na	na	81	35	0.00
Plant Materials Center	46	46	42	44	48	58	na	na	na

***PAN EVAPORATION:** Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weather Summary For Alaska Agricultural Statistics Service
 Prepared By AWIS.com from NWS preliminary data

For the Period: Monday May 27, 2013
 To: Sunday June 2, 2013

STATION	LAST WEEK WEATHER SUMMARY						May 1, 13 - June 2, 13 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	84	43	66	+12	0.00	0	0.21	-0.47	4	134	+74	269
Fairbanks/Eiels	83	38	62	+8	0.00	0	0.06	-0.70	2	100	+42	234
Nenana_Muni_AM	84	39	63	+9	0.00	0	0.46	+0.10	6	102	+58	225
Ftgreely/Allen	79	42	62	+10	0.00	0	0.09	-0.79	4	101	+25	223
Healy_River_Air	79	36	59	+8	0.00	0	0.47	-0.37	8	71	+45	186
Gulkana_Arpt_A	80	36	59	+11	0.00	0	2.13	+1.46	11	64	+47	187
Sutton	73	38	54	+5	0.07	2	2.44	+1.54	17	31	+11	146
Palmer_Municipa	80	38	57	+6	0.00	0	1.75	+1.03	9	60	+19	214
Talkeetna	83	37	57	+7	0.00	0	3.28	+1.50	6	57	+34	188
Willow_Airport	78	40	57	+7	0.05	2	1.87	+1.21	15	60	+43	208
Anchorage_Intl	76	39	56	+5	0.03	1	1.38	+0.62	8	51	+19	206
Kenai_Municipal	73	33	50	+3	0.21	2	1.87	+0.86	13	16	+4	123
Homer	62	35	49	+3	0.14	2	1.23	+0.10	13	5	-4	124
Kodiak	61	40	48	+2	0.48	2	2.20	-4.51	15	4	-8	116

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