



Alaska Crop Weather

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RELEASED: June 4, 2012

GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 90% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 10% short, 85% adequate, 5% surplus. **Barley** was reported as 98% planted; 70% emerged. **Oats** were reported as 90% planted; 65% emerged. **Potatoes** were reported as 80% planted. **Crop growth** was reported as 15% slow, 65% moderate, 20% rapid. **Condition of all hay** was listed as 5% poor, 30% fair, 50% good, 15% excellent. The main **farm activities** for the week were seeding barley, oats, grass seed and potatoes, spraying for weeds, fertilizing fields, spreading manure, cultivating fallow ground, general maintenance.

CROP WEATHER SUMMARY		
May 28 – June 3, 2012		
Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	5%	10%
Adequate	90%	85%
Surplus	5%	5%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

TANANA VALLEY: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was reported at 5% short, 90% adequate, 5% surplus. **Barley** was reported as 98% planted; 70% emerged. **Oats** were reported as 90% planted; 70% emerged. **Potato** planting was 60% complete. **Crop growth** was reported as 5% slow, 70% moderate, 25% rapid. **Condition of all hay** was listed as 25% fair, 55% good, 20% excellent. **Farm activities** for the week included planting potatoes, seeding small grains, spraying for weeds, spreading manure, moving cattle to summer pasture.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 10% short, 90% adequate. **Potato** planting was 95% complete. **Crop growth** was reported as 10% slow, 65% moderate, 25% rapid. **Condition of all hay** was listed as 10% poor, 20% fair, 60% good, 10% excellent. **Farm activities** for the week included planting potatoes, small grains, grass seed and vegetables, weed control, irrigation, equipment repair.

KENAI PENINSULA: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 35% short, 65% adequate. **Subsoil moisture** was reported at 20% short, 80% adequate. **Crop growth** was reported as 100% slow. **Condition of all hay** was listed as 100% fair. **Farm activities** for the week included fertilizing, planting crops.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	51	56	na	55	60	na	na	na
Sawmill Creek	44	38	na	na	na	na	65	27	0.36
Plant Materials Center	46	42	58	48	58	na	63	35	0.19

***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.

Coming soon – NASS’s annual June surveys on crops and livestock. In the first two weeks of June, NASS will survey about 140,000 U.S. producers and visit 42,000 tracts of farm land to collect information. Responses to these surveys provide the foundation for estimates in the upcoming growing year and will first be released in the Acreage and other reports on June 29. Watch for the survey and be sure to respond. Your information matters!

Prepared By AWIS.com from NWS preliminary data

Weather Summary For Alaska Agricultural Statistics Service
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For the Period: Monday May 28, 2012
 To: Sunday June 3, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - June 3, 12				GDD	
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	39	55	-2	0.40	2	0.99	+0.24	6	73	+0	302
Fairbanks/Eiels	68	35	53	-3	0.63	5	1.20	+0.36	10	49	-21	253
Nenana_Muni_AM	70	39	54	-1	1.02	3	1.30	+0.89	6	53	-1	261
Ftgreely/Allen	64	35	49	-6	0.82	2	1.56	+0.57	7	27	-58	214
Healy_River_Air	64	39	51	-2	0.98	4	1.40	+0.45	12	27	-7	209
Gulkana_Arpt_A	64	28	46	-5	0.12	4	1.33	+0.59	18	2	-19	116
Sutton	60	38	47	-4	0.67	7	2.82	+1.86	23	2	-22	140
Palmer_Municipa	62	37	49	-4	0.31	2	0.52	-0.25	6	18	-30	216
Talkeetna	67	38	50	-2	0.19	6	0.48	-1.40	14	26	-3	213
Willow_Airport	64	42	50	-2	0.59	7	2.12	+1.41	17	23	+1	238
Anchorage_Intl	61	41	49	-3	0.21	1	0.40	-0.40	3	21	-17	224
Kenai_Municipal	60	37	49	+1	0.07	2	0.43	-0.61	11	4	-10	157
Homer	53	33	45	-3	0.16	1	0.97	-0.18	10	0	-11	86
Kodiak	61	38	46	-2	1.87	5	5.96	-0.95	23	3	-11	114

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