



# Alaska Crop Weather

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RELEASED: June 11, 2012

**GENERAL:** There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was reported as 90% emerged. **Oats** were reported as 80% emerged. **Potatoes** were reported as 95% planted; 5% emerged. **Crop growth** was reported as 10% slow, 60% moderate, 30% rapid. **Condition of the barley crop** was listed as 20% fair, 80% good. **Condition of all hay** was listed as 5% poor, 35% fair, 50% good, 10% excellent. The main **farm activities** for the week were seeding new grass hay and pasture, spraying weeds, planting potatoes and vegetables, fertilizing fields, cultivating fallow ground, preparing fields, general maintenance.

CROP WEATHER SUMMARY		
June 4 – June 10, 2012		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	5%
Adequate	90%	95%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

**TANANA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported at 5% short, 95% adequate. **Barley** was reported as 90% emerged. **Oats** were reported as 80% emerged. **Potato** planting was 90% complete. **Crop growth** was reported as 60% moderate, 40% rapid. **Condition of the barley crop** was listed as 20% fair, 80% good. **Condition of all hay** was listed as 25% fair, 50% good, 25% excellent. **Farm activities** for the week included seeding new grass hay and pasture, spraying for weeds, cultivating fallow ground, general maintenance.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 5% short, 95% adequate. **Potato** planting was 99% complete. **Crop growth** was reported as 10% slow, 70% moderate, 20% rapid. **Condition of all hay** was listed as 10% poor, 30% fair, 60% good. **Farm activities** for the week included planting potatoes and vegetables, weed control, irrigation, equipment repair.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 75% short, 25% adequate. **Subsoil moisture** was reported at 100% adequate. **Crop growth** was reported as 100% slow. **Condition of all hay** was listed as 100% fair. **Farm activities** for the week included fertilizing hay and peonies, weed control, preparing fields for planting.

### Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	50	56	na	52	56	na	na	na
Sawmill Creek	51	38	45	na	na	na	76	39	0.28
Plant Materials Center	na	48	na	na	51	na	59	38	0.39

**\*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 *Acres* and other reports on June 29. Watch for the survey and be sure to respond. Your information matters!**

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

For the Period: Monday June 4, 2012  
 To: Sunday June 10, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - June 10, 12					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	40F
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	79	46	62	+5	0.25	3	1.24	+0.20	9	160	+31	459
Fairbanks/Eiels	79	41	60	+4	1.22	4	2.42	+1.23	14	121	+0	395
Nenana_Muni_AM	77	44	60	+4	0.18	5	1.48	+0.86	11	122	+22	400
Ftgreely/Allen	75	45	59	+3	0.12	2	1.68	+0.20	9	90	-38	347
Healy_River_Air	71	43	56	+2	0.26	4	1.66	+0.24	16	69	+2	321
Gulkana_Arpt_A	71	36	51	+0	0.02	1	1.35	+0.29	19	15	-22	197
Sutton	63	40	50	-2	0.17	3	2.99	+1.74	26	8	-35	211
Palmer_Municipa	66	42	52	-3	0.29	4	0.81	-0.23	10	32	-46	299
Talkeetna	67	41	51	-3	0.20	4	0.68	-1.72	18	39	-19	294
Willow_Airport	66	43	53	+0	0.19	3	2.31	+1.39	20	46	+0	331
Anchorage_Intl	63	41	52	-2	0.26	3	0.66	-0.35	6	39	-25	310
Kenai_Municipal	61	38	49	-2	0.18	3	0.61	-0.64	14	6	-18	220
Homer	53	36	46	-4	0.09	2	1.06	-0.30	12	0	-18	129
Kodiak	57	38	47	-2	0.05	2	6.01	-2.23	25	3	-18	162

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