



# Alaska Crop Weather

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RELEASED: June 18, 2012

**GENERAL:** There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were also listed as 5% short, 95% adequate. **Barley** was reported as 100% emerged. **Oats** were also reported as 100% emerged. **Potatoes** were reported as 15% emerged. **Crop growth** was reported as 10% slow, 65% moderate, 25% rapid. **Wind and rain damage to new crops** was reported as 95% none, 5% light. **Condition of the barley crop** was listed as 20% fair, 55% good, 25% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 10% poor, 35% fair, 45% good, 10% excellent. The main **farm activities** for the week were spraying weeds, fertilizing fields, cultivating fallow ground, preparing for hay harvest, fence construction, general maintenance.

CROP WEATHER SUMMARY		
June 11 – June 17, 2012		
Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	5%	5%
Adequate	95%	95%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

**TANANA VALLEY:** An average of **4.0 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 100% emerged. **Oats** were reported as 100% emerged. **Potatoes** were 10% emerged. **Crop growth** was reported as 10% slow, 60% moderate, 30% rapid. **Condition of the barley crop** was listed as 20% fair, 55% good, 25% excellent. **Condition of the oat crop** was listed as 20% fair, 40% good, 40% excellent. **Condition of all hay** was listed as 20% fair, 55% good, 25% excellent. **Farm activities** for the week included spraying weeds, preparing for hay harvest, fence construction and maintenance.

**MATANUSKA VALLEY:** An average of **5.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported at 5% short, 95% adequate. **Potatoes** were 20% emerged. **Crop growth** was reported as 10% slow, 70% moderate, 20% rapid. **Condition of all hay** was listed as 20% poor, 35% fair, 45% good. **Farm activities** for the week included spraying for weeds, cultivating fallow ground, preparing for hay harvest, equipment repair.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was also reported at 100% adequate. **Crop growth** was reported as 100% moderate. **Farm activities** for the week included fertilizing hay and peonies, preparing fields for new plantings. Hay harvest was underway in the south Peninsula area.

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

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	52	56	na	55	60	na	na	na
Sawmill Creek	51	42	na	na	na	na	74	37	0.43
Plant Materials Center	56	49	63	54	54	na	70	42	0.94

**\*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 June 11, 2012  
 To: Sunday June 17, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - June 17, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	78	43	58	-2	0.20	4	1.44	+0.05	13	220	+22	589
Fairbanks/Eiels	74	42	57	-3	0.54	5	2.96	+1.35	19	170	-15	514
Nenana_Muni_AM	75	43	58	-1	0.14	2	1.62	+0.73	13	180	+22	528
Ftgreely/Allen	74	42	54	-4	0.55	3	2.23	+0.17	12	124	-57	447
Healy_River_Air	71	41	54	-4	0.86	4	2.52	+0.55	20	99	-12	419
Gulkana_Arpt_A	64	35	48	-6	0.60	5	1.95	+0.54	24	17	-43	254
Sutton	62	40	49	-5	0.43	3	3.42	+1.82	29	10	-58	275
Palmer_Municipa	67	40	51	-5	0.69	5	1.50	+0.17	15	43	-73	378
Talkeetna	72	40	52	-5	0.49	2	1.17	-1.79	20	54	-42	377
Willow_Airport	67	43	52	-3	0.46	3	2.77	+1.61	23	66	-13	420
Anchorage_Intl	66	43	52	-3	0.60	3	1.26	+0.00	9	58	-40	397
Kenai_Municipal	62	38	49	-2	0.36	3	0.97	-0.56	17	9	-29	288
Homer	58	36	46	-4	0.31	4	1.37	-0.20	16	1	-29	176
Kodiak	67	44	50	+1	0.41	6	6.42	-3.09	31	9	-22	230

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