



# Alaska Crop Weather

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RELEASED: July 2, 2012

**GENERAL:** There were **4.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 90% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 5% short, 90% adequate, 5% surplus. **Barley** was reported as 25% in-boot. **Oats** were reported as 100% pre-boot. **Potatoes** were reported as 99% emerged. **Hay** harvest was 15% complete. **Crop growth** was reported as 15% slow, 65% moderate, 20% rapid. **Condition of the barley crop** was listed as 20% fair, 60% good, 20% excellent. **Condition of the oat crop** was listed as 20% fair, 60% good, 20% excellent. **Condition of all hay** was listed as 5% poor, 40% fair, 50% good, 5% excellent. The main **farm activities** for the week were cultivating fallow ground, cutting hay, equipment repair, fertilizing hay.

CROP WEATHER SUMMARY		
June 25 – July 1, 2012		
Days Suitable for Fieldwork: 4.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	5%
Adequate	90%	90%
Surplus	10%	5%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.461

**TANANA VALLEY:** An average of **3.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was reported at 100% adequate. **Barley** was reported as 25% in-boot. **Oats** were reported as 100% pre-boot. **Potatoes** were 100% emerged. **Hay** harvest was 20% complete. **Crop growth** was reported as 20% slow, 70% moderate, 10% rapid. **Condition of the barley crop** was listed as 20% fair, 60% good, 20% excellent. **Condition of the oat crop** was listed as 20% fair, 60% good, 20% excellent. **Condition of all hay** was listed as 30% fair, 60% good, 10% excellent. **Farm activities** for the week included tillage work, seeding hay and pasture, waiting to resume harvesting hay, equipment maintenance.

**MATANUSKA VALLEY:** An average of **6.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported at 10% short, 90% adequate. **Potatoes** were 99% emerged. **Hay** harvest was 15% complete. **Crop growth** was reported as 60% moderate, 40% rapid. **Condition of all hay** was listed as 10% poor, 40% fair, 50% good. **Farm activities** for the week included cutting hay, spraying for weeds, cultivating fallow ground, equipment repair.

**KENAI PENINSULA:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 40% adequate, 60% surplus. **Subsoil moisture** was reported at 100% surplus. **Hay** harvest was 20% complete. **Condition of all hay** was listed as 100% fair. **Crop growth** was reported as 40% slow, 60% moderate. **Farm activities** for the week included harvesting hay, applying fertilizer, working with high tunnels, preparing new peony 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	58	59	58	na	60	56	67	43	0.41
Sawmill Creek	55	50	52	na	na	na	77	47	1.06
Plant Materials Center	54	52	58	50	55	na	68	45	0.56

**\*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 25, 2012  
 To: Sunday July 1, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - July 1, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	80	50	61	-2	0.52	2	2.96	+0.87	17	411	+46	920
Fairbanks/Eiels	82	48	59	-3	0.43	3	3.43	+0.90	24	330	-11	814
Nenana_Muni_AM	75	50	59	-2	0.58	2	2.72	+1.17	17	343	+41	831
Ftgreeely/Allen	75	46	57	-4	1.08	5	3.37	+0.05	19	273	-39	736
Healy_River_Air	69	47	56	-3	0.77	5	3.65	+0.45	29	230	+5	690
Gulkana_Arpt_A	68	29	52	-5	0.83	5	2.97	+0.73	33	112	-17	475
Sutton	63	44	52	-4	0.61	6	4.12	+1.71	39	84	-53	489
Palmer_Municipa	68	45	55	-3	0.38	3	2.02	-0.06	22	154	-57	629
Talkeetna	69	47	56	-3	0.80	4	2.25	-1.94	26	181	-16	644
Willow_Airport	67	47	56	-2	0.60	5	3.46	+1.72	31	185	+12	679
Anchorage_Intl	64	48	55	-2	0.61	5	1.87	+0.05	14	170	-18	649
Kenai_Municipal	63	43	51	-3	1.23	4	2.26	+0.17	22	53	-31	472
Homer	56	38	49	-4	0.87	4	2.59	+0.52	22	16	-50	318
Kodiak	62	41	51	-1	0.24	2	6.73	-5.06	34	56	-8	415

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