



# Alaska Crop Weather

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RELEASED: July 9, 2012

**GENERAL:** There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 85% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was reported as 25% headed. **Oats** were reported as 50% in-boot. **Potatoes** were reported as 100% emerged. **Hay** harvest was 30% complete. **Crop growth** was reported as 5% slow, 80% moderate, 15% rapid. **Wind or rain damage** to crops was reported as 90% none, 5% light, 5% moderate. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% 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. **Condition of potatoes** was listed as 25% fair, 75% good. The main **farm activities** for the week were cultivating fallow ground, harvesting hay, spraying weeds, equipment repair.

CROP WEATHER SUMMARY		
July 2 – July 8, 2012		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	5%
Adequate	85%	95%
Surplus	5%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.688

**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 100% adequate. **Barley** was reported as 25% headed. **Oats** were reported as 50% in-boot. **Potatoes** were 100% emerged. **Hay** harvest was 30% complete. **Crop growth** was reported as 80% moderate, 20% rapid. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 5% poor, 35% fair, 50% good, 10% excellent. **Farm activities** for the week included harvesting hay, working fallow ground, seeding hay and pasture, spraying weeds.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was also reported at 15% short, 85% adequate. **Potatoes** were 100% emerged. **Hay** harvest was 30% complete. **Crop growth** was reported as 5% slow, 85% moderate, 10% rapid. **Condition of all hay** was listed as 10% poor, 30% fair, 60% good. **Farm activities** for the week included harvesting hay, spraying weeds, cultivating fallow ground, irrigating, equipment repair.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% short. **Subsoil moisture** was reported at 100% adequate. **Hay** harvest was 25% complete. **Condition of all hay** was listed as 75% fair, 25% good. **Crop growth** was reported as 100% moderate. **Farm activities** for the week included harvesting hay, equipment repair.

## 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	na	na	na	na	na	64	47	0.28
Sawmill Creek	56	48	54	na	na	na	71	36	1.31
Plant Materials Center	56	56	50	59	54	na	65	47	0.07

**\*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 July 2, 2012  
 To: Sunday July 8, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - July 8, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	77	47	62	-2	0.14	2	3.10	+0.66	19	499	+43	1078
Fairbanks/Eiels	78	41	60	-3	0.42	5	3.85	+0.83	29	401	-25	955
Nenana_Muni_AM	75	42	60	-3	1.49	4	4.21	+2.25	21	414	+32	972
Ftgreely/Allen	71	43	57	-5	1.02	6	4.39	+0.44	25	323	-66	856
Healy_River_Air	71	44	57	-3	0.64	5	4.29	+0.46	34	280	-13	810
Gulkana_Arpt_A	66	43	52	-5	0.23	5	3.20	+0.55	38	128	-48	560
Sutton	61	44	52	-5	0.68	6	4.80	+1.91	45	98	-82	573
Palmer_Municipa	65	45	54	-5	0.10	2	2.12	-0.38	24	186	-81	731
Talkeetna	69	44	56	-4	0.56	4	2.81	-2.02	30	222	-38	755
Willow_Airport	65	46	55	-4	0.63	5	4.09	+2.00	36	223	-6	787
Anchorage_Intl	61	46	54	-5	0.24	4	2.11	-0.01	18	198	-46	747
Kenai_Municipal	66	41	51	-4	0.44	4	2.70	+0.26	26	67	-49	553
Homer	56	39	48	-6	0.21	4	2.80	+0.45	26	16	-76	375
Kodiak	58	40	49	-5	1.30	6	8.03	-4.78	40	56	-32	476

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