

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

Alaska Division of Agriculture  
Alaska Cooperative Extension  
Ag & Forestry Experiment Station

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**RELEASED:** August 14, 2006

**GENERAL:** There were **4.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were also reported as 10% short, 90% adequate. **Barley** was reported as 5% ripe, mostly in the Fairbanks area. **Oats** were reported as 5% turning color. **Condition of the barley crop** was reported as 20% poor, 20% fair, 40% good, 20% excellent. **Condition of the oat crop** was reported as 15% poor, 30% fair, 35% good, 20% excellent. **Potatoes** were listed as 65% in bloom statewide. **Condition of the potato crop** was reported as 20% fair, 60% good, 20% excellent. First cutting **hay harvest** was 98% complete; second cutting was just underway. Condition of the **hay crop** was reported as 10% poor, 20% fair, 35% good, 35% excellent.

**Wind and rain damage to crops** was reported as 90% none, 10% light. The main **farm activities** for the week were cultivating for weed control, fence maintenance, harvesting hay, vegetable, and grass seed, and preparing for grain harvest.

**TANANA VALLEY:** An average of **5.0 days were suitable for fieldwork** last week. **Topsoil moisture and subsoil moisture** were both reported as 20% short, 80% adequate. **Barley** was reported as 45% turning color, 5% ripe. **Oats** were reported as 5% turning color. **Condition of the barley crop** was reported as 20% poor, 20% fair, 40% good, 20% excellent. **Condition of the oat crop** was reported as 20% poor, 35% fair, 20% good, 25% excellent. **Potatoes** were listed as 50% in bloom. **Condition of the potato crop** was reported as 30% fair, 60% good, 10% excellent. First cutting **hay harvest** was 99% complete. Second cutting was underway in Fairbanks. Condition of the **hay crop** was reported as 10% poor, 20% fair, 20% good, 50% excellent. **Wind and rain damage to crops** was listed as 90% none, 10% light. **Farm activities** for the week included harvesting hay, vegetables and grass seed, weed control, fence maintenance, and preparing for small grain harvest.

**MATANUSKA VALLEY:** An average of **4.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Potatoes** were reported as 75% in bloom. **Condition of the potato crop** was reported as 10% fair, 65% good, 25% excellent. First cutting of **hay** was 95% complete. Condition of the **hay crop** was reported as 5% poor, 25% fair, 60% good, 10% excellent. **Wind or rain damage to crops** was reported as 95% none, 5% light. Major **farm activities** during the week included weed control, fence repair and harvesting hay, grass seed and vegetables.

**KENAI PENINSULA:** An average of **3.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 80% adequate, 20% surplus. **Subsoil moisture** was also reported as 80% adequate, 20% surplus. **Potatoes** were reported as 75% in bloom. **Condition of the potato crop** was reported as 10% fair, 50% good, 40% excellent. First cutting of **hay** was 95% complete. Condition of the **hay crop** was reported as 10% poor, 10% fair, 30% good, 50% excellent. **Wind or rain damage to crops** was reported as 80% none, 10% light, 10% moderate. Major **farm activities** for the week included harvesting hay and equipment maintenance.

CROP WEATHER SUMMARY August 7 – August 13, 2006		
DAYS SUITABLE FOR FIELDWORK: 4.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	10%
ADEQUATE	90%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/07- 08/13 MAT AES SITE: +0.398		

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

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	58	62	63	60	58	64	74	46	0.55
Sawmill Creek	53	na	57	na	na	na	74	36	0.40
Plant Materials Center	54	na	63	na	Na	61	72	43	0.44

## 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.

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

For the Period: Monday August 7, 2006  
 To: Sunday August 13, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - August 13, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	71	39	57	-2	0.84	5	3.97	-0.54	34	774	-62	1710
Fairbanks/Eiels	73	41	58	+0	0.49	4	3.11	-2.59	43	899	+107	1879
Nenana_Muni_AM	72	39	57	-1	0.56	6	3.90	-0.44	37	702	-16	1617
Ftgreely/Allen	72	43	58	+2	0.37	4	7.99	+1.06	49	671	-57	1575
Healy_River_Air	68	43	55	-2	0.57	6	5.18	-1.57	54	639	+52	1565
Gulkana_Arpt_A	73	35	54	+0	0.51	2	2.22	-2.51	29	444	+40	1284
Sutton	68	45	55	-2	0.52	5	6.40	+0.80	65	323	-87	1201
Palmer_Municipa	73	48	57	+1	0.25	3	1.45	-3.49	15	567	+29	1509
Talkeetna	75	46	58	+2	1.07	4	7.24	-1.83	42	596	+45	1507
Willow_Airport	72	53	60	+3	0.59	5	5.72	+1.26	56	733	+197	1665
Anchorage_Intl	72	49	58	+2	0.69	4	3.50	-1.09	23	568	+34	1488
Kenai_Municipal	70	35	55	+0	0.80	4	4.20	-0.56	42	426	+129	1305
Homer	66	42	55	+0	0.55	4	3.49	-0.79	50	231	-23	1096
Kodiak	72	48	57	+2	0.11	1	21.43	+4.03	51	263	-3	1077

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