

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

USDA, NASS, Alaska Field Office  
P.O. Box 799  
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**RELEASED:** September 5, 2006

**GENERAL:** There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were also reported as 95% adequate, 5% surplus. **Barley** was reported as 35% harvested statewide. **Oats** were reported as 10% ripe. **Potato harvest** was underway, with the crop listed as 5% harvested statewide. Second cutting **hay harvest** was 15% complete as rain continued to slow harvest in many areas. **Winter supplies of hay** were reported as 40% short, 60% adequate. **Wind and rain damage to crops** was reported as 90% none, 5% light, 5% moderate. The main **farm activities** for the week were harvesting barley, potatoes, vegetables and hay, baling straw, weed control and equipment repair.

CROP WEATHER SUMMARY August 28 – September 3, 2006		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	95%	95%
SURPLUS	5%	5%
PAN EVAPORATION FOR 08/28- 09/03 MAT AES SITE: N/A		

**TANANA VALLEY:** An average of **6.0 days were suitable for fieldwork** last week. **Topsoil moisture and subsoil moisture** were both reported as 100% adequate. **Barley** was reported as 35% harvested. **Oats** were reported as 10% ripe. **Potatoes** were listed as 5% harvested. Second cutting **hay harvest** was 25% complete. **Wind and rain damage to crops** was listed as 90% none, 5% light, 5% moderate. **Farm activities** for the week included harvesting hay, barley, potatoes, vegetables, baling straw, and disking barley stubble.

**MATANUSKA VALLEY:** An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was also reported as 90% adequate, 10% surplus. **Potatoes** were reported as 5% harvested. Second cutting of **hay** was less than 5% complete as rain continued to stall harvest. **Wind or rain damage to crops** was reported as 90% none, 5% light, 5% moderate. Major **farm activities** during the week included harvesting potatoes and vegetables and preparing equipment for harvest.

**KENAI PENINSULA:** An average of **2.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was also reported as 90% adequate, 10% surplus. **Potatoes** were reported as 5% harvested. Second cutting of **hay** was 15% complete as rain hampered harvest. **Wind or rain damage to crops** was reported as 90% none, 10% light. Major **farm activities** for the week included harvesting potatoes and vegetables.

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

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	na	52	59	na	53	57	na	na	na
Sawmill Creek	47	na	50	na	na	na	66	28	0.04
Plant Materials Center	51	56	na	na	51	na	64	38	0.20

### 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 28, 2006  
 To: Sunday September 3, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - September 3, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	67	36	52	+1	0.12	1	5.41	-0.21	45	822	-107	1962
Fairbanks/Eiels	68	34	52	+1	0.06	2	4.34	-2.78	56	969	+85	2157
Nenana_Muni_AM	67	34	51	-1	0.00	0	5.90	+0.39	49	742	-53	1843
Ftgreely/Allen	63	32	49	-3	0.16	3	8.93	+0.75	60	713	-112	1806
Healy_River_Air	64	27	47	-4	0.17	3	7.51	-0.77	70	655	-5	1756
Gulkana_Arpt_A	65	30	48	-1	0.36	4	5.14	-0.76	43	467	-4	1478
Sutton	61	36	50	-2	0.58	6	11.70	+4.21	83	344	-146	1404
Palmer_Municipa	65	41	53	-1	0.11	2	3.09	-3.48	27	617	-23	1766
Talkeetna	67	39	54	+2	0.09	3	16.03	+3.73	58	659	+17	1767
Willow_Airport	64	41	54	+0	0.51	6	11.25	+4.94	75	797	+153	1934
Anchorage_Intl	62	44	53	-1	0.43	3	10.59	+3.90	38	641	-4	1770
Kenai_Municipal	68	35	53	+2	1.00	4	8.72	+1.99	58	496	+123	1581
Homer	59	39	50	-3	0.69	4	7.17	+1.11	65	257	-72	1325
Kodiak	63	41	53	-1	1.30	5	25.48	+4.55	67	328	-30	1352

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