

# 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  
Palmer, AK 99645

**RELEASED:** October 2, 2006

**GENERAL:** There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 95% adequate and 5% surplus. **Subsoil moisture** supplies were reported as 10% short, 85% adequate, and 5% surplus. **Barley** was reported as 95% harvested statewide. **Oats** were reported as 70% harvested. **Potato harvest** was reported as 90% complete statewide. Second cutting **hay harvest** was 80% complete. **Winter supplies of hay** were reported as 35% short, 65% 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, oats, potatoes, vegetables, hay and straw, and preparing for winter. This is our last report for the year.

CROP WEATHER SUMMARY September 25 – October 1, 2006		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	10%
ADEQUATE	95%	85%
SURPLUS	5%	5%
PAN EVAPORATION FOR 9/25-10/01 MAT AES SITE: -0.286		

**TANANA VALLEY:** An average of **6.0 days were suitable for fieldwork** last week. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was reported as 15% short and 85% adequate. **Barley** was reported as 98% harvested. **Oats** were reported as 75% harvested. **Potatoes** were listed as 90% harvested. Second cutting **hay harvest** was nearing completion. **Wind and rain damage to crops** was listed as 90% none, 5% light, 5% moderate. **Farm activities** for the week included harvesting hay, barley, oats and potatoes, as well as winterizing machinery.

**MATANUSKA VALLEY:** An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were both reported as 100% adequate. **Potatoes** were reported as 95% harvested. Second cutting of **hay** was 60% complete. **Wind or rain damage to crops** was reported as 95% none and 5% light. Major **farm activities** during the week included harvesting barley, potatoes, hay, and vegetables, cleaning seed, and getting ready for winter.

**KENAI PENINSULA:** There were **0 days suitable for fieldwork last week** as rain continued to fall. **Topsoil moisture and subsoil moisture** supplies were both reported as 50% adequate and 50% surplus. **Potatoes** were reported as 50% harvested. Second cutting of **hay** was 20% complete. **Wind or rain damage to crops** was reported as 80% none, 20% light. The major **farm activity** for the week was preparing for winter.

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

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	47	52	45	42	46	46	59	32	0.50
Sawmill Creek	41	42	33	na	na	na	58	24	0.56
Plant Materials Center	44	46	na	na	52	na	58	32	0.40

### 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 September 25, 2006  
 To: Sunday October 1, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - October 1, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	58	27	41	+5	0.39	1	5.85	-0.77	48	863	-76	2226
Fairbanks/Eiels	57	27	42	+5	0.54	4	5.13	-3.15	67	1024	+129	2438
Nenana_Muni_AM	56	27	40	+5	0.42	1	6.47	+0.21	53	806	+5	2124
Ftgreely/Allen	60	25	43	+6	0.30	3	9.29	+0.20	66	749	-110	2066
Healy_River_Air	55	28	43	+7	0.48	4	8.38	-1.33	81	705	+36	2029
Gulkana_Arpt_A	58	19	40	+3	0.83	3	6.09	-1.14	49	471	-14	1610
Sutton	57	28	44	+3	1.16	5	15.03	+4.66	103	349	-163	1601
Palmer_Municipa	59	33	46	+4	0.08	3	3.37	-5.62	33	656	-21	2047
Talkeetna	59	29	44	+4	1.92	4	18.97	+2.67	69	684	+22	2016
Willow_Airport	55	28	43	+1	1.22	5	14.58	+5.76	94	822	+165	2171
Anchorage_Intl	57	32	45	+3	1.48	4	13.70	+4.36	52	661	-23	2026
Kenai_Municipal	59	26	46	+4	1.25	4	11.41	+1.59	77	529	+129	1851
Homer	56	28	46	+2	0.65	5	8.75	-0.48	82	275	-92	1562
Kodiak	54	32	44	-3	0.97	5	31.17	+2.75	89	348	-43	1598

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Alaska Agricultural Statistics Service  
 PO Box 799  
 Palmer, AK 99645