

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: September 25, 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 90% harvested statewide. **Oats** were reported as 45% harvested. **Potato harvest** was reported as 75% complete statewide. Second cutting **hay harvest** was 70% complete. **Winter supplies of hay** were reported as 35% short, 65% adequate. **Wind and rain damage to crops** was reported as 85% none, 5% light, 10% moderate. The main **farm activities** for the week were harvesting barley, potatoes, vegetables, hay and forage, winterizing machinery.

CROP WEATHER SUMMARY September 18 – September 24, 2006		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	10%
ADEQUATE	95%	85%
SURPLUS	5%	5%
PAN EVAPORATION FOR 9/18- 09/24 MAT AES SITE: -0.474		

TANANA VALLEY: An average of **6.0 days were suitable for fieldwork** last week. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 15% short and 85% adequate. **Barley** was reported as 95% harvested. **Oats** were reported as 45% harvested. **Potatoes** were listed as 65% harvested. Second cutting **hay harvest** was 95% complete. **Wind and rain damage to crops** was listed as 75% none, 5% light, 20% moderate. **Farm activities** for the week included harvesting hay, barley, and potatoes, as well as winterizing machinery.

MATANUSKA VALLEY: An average of **4.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were reported as 90% adequate and 10% surplus. **Potatoes** were reported as 80% harvested. Second cutting of **hay** was 40% 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.

KENAI PENINSULA: An average of **3.0 days were suitable for fieldwork**. **Topsoil moisture** supplies were reported as 60% adequate and 40% surplus, **subsoil moisture** supplies were reported as 80% adequate and 20% surplus. **Potatoes** were reported as 50% harvested. Second cutting of **hay** was 20%. **Wind or rain damage to crops** was reported as 85% none, 15% light. Major **farm activities** for the week included harvesting potatoes, vegetables, and hay.

Soil Temperatures (F⁰) 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	50	54	46	46	49	43	62	34	0.72
Sawmill Creek	43	44	35	na	na	na	62	28	0.04
Plant Materials Center	na	52	na	na	47	na	na	na	na

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 18, 2006
 To: Sunday September 24, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - September 24, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	64	36	50	+9	0.05	2	5.46	-0.95	47	863	-79	2207
Fairbanks/Eiels	66	36	51	+10	0.10	2	4.59	-3.46	63	1024	+127	2415
Nenana_Muni_AM	65	38	51	+11	0.11	2	6.05	-0.07	52	806	+2	2113
Ftgreely/Allen	62	36	49	+8	0.03	1	8.99	+0.10	63	747	-111	2035
Healy_River_Air	59	39	49	+8	0.16	3	7.90	-1.49	77	703	+33	1994
Gulkana_Arpt_A	60	22	44	+4	0.01	1	5.26	-1.69	46	471	-14	1595
Sutton	57	33	46	+2	0.96	5	13.87	+4.12	98	349	-163	1570
Palmer_Municipa	60	37	49	+3	0.18	2	3.29	-5.14	30	654	-22	2004
Talkeetna	60	32	48	+5	0.80	3	17.05	+1.67	65	684	+22	1984
Willow_Airport	59	34	47	+2	0.85	5	13.36	+5.14	89	822	+165	2141
Anchorage_Intl	62	37	48	+3	0.63	5	12.22	+3.50	48	661	-22	1989
Kenai_Municipal	60	33	49	+4	0.33	5	10.16	+1.10	73	529	+129	1809
Homer	55	37	47	+1	0.26	3	8.10	-0.38	77	273	-87	1521
Kodiak	59	35	49	+1	1.47	4	30.20	+3.81	84	348	-43	1567

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