

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 18, 2006

GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil and subsoil moisture** supplies were reported as 100% adequate. **Barley** was reported as 70% harvested statewide. **Oats** were reported as 15% harvested. **Potato harvest** was reported as 40% complete statewide. Second cutting **hay harvest** was 60% 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, potatoes, vegetables and hay.

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 70% harvested. **Oats** were reported as 15% harvested. **Potatoes** were listed as 25% harvested. Second cutting **hay harvest** was 90% complete. **Wind and rain damage to crops** was listed as 95% none, 0% light, 5% moderate. **Farm activities** for the week included harvesting hay, barley, potatoes, and vegetables.

MATANUSKA VALLEY: An average of **6.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were reported as 100% adequate. **Potatoes** were reported as 50% harvested. Second cutting of **hay** was 20% complete. **Wind or rain damage to crops** was reported as 90% none, 5% light, 5% moderate. Major **farm activities** during the week included harvesting barley, potatoes, hay, and vegetables.

KENAI PENINSULA: An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were reported as 100% adequate. **Potatoes** were reported as 25% harvested. Second cutting of **hay** was 20%. **Wind or rain damage to crops** was reported as 90% none, 10% light. Major **farm activities** for the week included harvesting potatoes, vegetables, and hay.

CROP WEATHER SUMMARY September 11 – September 17, 2006		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	100%	100%
SURPLUS	0%	0%
PAN EVAPORATION FOR 9/11- 09/17 MAT AES SITE: +0.341		

Soil Temperatures (F⁰) 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	52	55	52	46	53	48	66	36	0.13
Sawmill Creek	44	46	na	na	na	na	69	23	0.36
Plant Materials Center	47	55	na	na	50	na	66	33	0.05

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 11, 2006
 To: Sunday September 17, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - September 17, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	35	53	+8	0.00	0	5.41	-0.77	45	854	-88	2133
Fairbanks/Eiels	72	34	54	+8	0.09	2	4.49	-3.28	61	1008	+111	2333
Nenana_Muni_AM	67	37	54	+10	0.00	0	5.94	-0.03	50	797	-7	2036
Ftgreely/Allen	67	33	52	+7	0.02	1	8.96	+0.28	62	742	-109	1967
Healy_River_Air	64	36	54	+9	0.08	2	7.74	-1.30	74	697	+27	1927
Gulkana_Arpt_A	66	27	47	+4	0.03	1	5.25	-1.35	45	471	-14	1565
Sutton	61	36	49	+3	0.38	5	12.91	+3.88	93	349	-161	1529
Palmer_Municipa	65	39	53	+5	0.00	0	3.11	-4.72	28	654	-15	1940
Talkeetna	67	36	51	+5	0.21	3	16.25	+1.85	62	682	+20	1924
Willow_Airport	64	37	52	+3	0.43	3	12.51	+4.92	84	820	+163	2088
Anchorage_Intl	64	40	51	+3	0.56	3	11.59	+3.50	43	661	-15	1928
Kenai_Municipal	67	34	51	+4	0.84	4	9.83	+1.54	68	521	+127	1743
Homer	63	37	51	+3	0.14	3	7.84	+0.18	74	273	-80	1468
Kodiak	61	38	51	+1	2.62	6	28.73	+4.30	80	346	-39	1506

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