

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 11, 2006

GENERAL: There were **6.0 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 50% harvested statewide. **Oats** were reported as 15% ripe. **Potato harvest** was reported as 30% complete statewide. Second cutting **hay harvest** was 45% complete. **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 working fallow ground.

CROP WEATHER SUMMARY September 4 – September 10, 2006		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	95%	95%
SURPLUS	5%	5%
PAN EVAPORATION FOR 9/04- 09/10 MAT AES SITE: +0.571		

TANANA VALLEY: An average of **6.5 days were suitable for fieldwork** last week. **Topsoil moisture and subsoil moisture** were both reported as 100% adequate. **Barley** was reported as 50% harvested. **Oats** were reported as 15% ripe. **Potatoes** were listed as 10% harvested. Second cutting **hay harvest** was 70% 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, and vegetables, baling straw, and working fallow ground.

MATANUSKA VALLEY: An average of **6.0 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 40% harvested. Second cutting of **hay** was less than 10% 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, hay, sod and vegetables, weed control, and stowing irrigation equipment.

KENAI PENINSULA: An average of **2.0 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 10% harvested. Second cutting of **hay** was 15% complete as rains continued to hamper 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 (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	54	na	na	52	na	na	62	37	0.09
Sawmill Creek	na	46	45	na	na	na	na	na	na
Plant Materials Center	50	55	na	na	50	na	62	35	0.22

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 4, 2006
 To: Sunday September 10, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - September 10, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	36	52	+3	0.00	0	5.41	-0.49	45	836	-103	2045
Fairbanks/Eiels	70	32	51	+3	0.06	3	4.40	-3.07	59	981	+87	2236
Nenana_Muni_AM	69	31	53	+6	0.04	1	5.94	+0.18	50	770	-33	1939
Ftgreely/Allen	65	32	50	+2	0.01	1	8.94	+0.48	61	722	-119	1879
Healy_River_Air	64	25	50	+2	0.15	2	7.66	-1.03	72	669	+1	1830
Gulkana_Arpt_A	62	28	45	-3	0.08	1	5.22	-1.03	44	467	-13	1513
Sutton	61	32	48	-2	0.83	5	12.53	+4.27	88	347	-156	1464
Palmer_Municipa	62	39	51	+0	0.02	1	3.11	-4.09	28	629	-29	1846
Talkeetna	67	36	51	+2	0.01	1	16.04	+2.69	59	669	+14	1845
Willow_Airport	63	37	50	-2	0.83	6	12.08	+5.12	81	806	+151	2006
Anchorage_Intl	60	41	51	+0	0.44	2	11.03	+3.64	40	650	-14	1848
Kenai_Municipal	65	37	51	+2	0.27	6	8.99	+1.49	64	509	+122	1661
Homer	59	39	49	-2	0.53	6	7.70	+0.87	71	261	-82	1391
Kodiak	63	43	51	-2	0.63	7	26.11	+3.52	74	338	-37	1431

For more weather information visit www.awis.com
 or call 1-888-798-9955.

Copyright 2006: Agricultural Weather Information Service, Inc.
 All rights reserved.

If you would prefer an electronic version of this report sent to you via email each Monday afternoon, please give us a call at (800)478-6079 and we can sign you up for our automatic subscription service.

Alaska Agricultural Statistics Service
 PO Box 799
 Palmer, AK 99645