

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: July 10, 2006

GENERAL: There were **4.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 90% adequate, 5% surplus. **Subsoil moisture** supplies were also reported as 5% short, 90% adequate, 5% surplus. **Barley** was reported as 30% headed. **Oats** were reported as 55% in-boot. **Condition of the barley crop** was reported as 30% poor, 40% fair, 30% good. **Condition of the oat crop** was reported as 25% poor, 35% fair, 40% good. **Potatoes** were listed as 95% emerged statewide. **Condition of the potato crop** was reported as 5% poor, 30% fair, 55% good, 10% excellent. First cutting **hay harvest** was 20% complete. Condition of the **hay** crop was reported as 15% poor, 20% fair, 65% good. **Crop growth** was rated as 5% slow, 80% moderate, 15% rapid. **Wind and rain damage to crops** was reported as 95% none, 5% light. The main **farm activities** for the week were cutting and harvesting hay, weed control, and irrigating fields.

CROP WEATHER SUMMARY July 3 – July 9, 2006		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	5%
ADEQUATE	90%	90%
SURPLUS	5%	5%
PAN EVAPORATION FOR 07/03- 07/09 MAT AES SITE: +2.06		

TANANA VALLEY: An average of **3.0 days were suitable for fieldwork** last week. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was also reported as 95% adequate, 5% surplus. **Barley** was reported as 30% headed. **Oats** were reported as 55% in-boot. **Condition of the barley crop** was reported as 30% poor, 40% fair, 30% good. **Condition of the oat crop** was reported as 35% poor, 45% fair, 20% good. **Potatoes** were listed as 95% emerged. First cutting **hay harvest** was 30% complete. Condition of the **hay** crop was reported as 25% poor, 25% fair, 50% good. **Crop growth** was rated as 5% slow, 70% moderate, 25% rapid. **Wind and rain damage to crops** was listed as 95% none, 5% light. **Farm activities** for the week included harvesting hay, weed control, summer fallow and fertilizing for second cutting of hay.

MATANUSKA VALLEY: An average of **5.5 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were both reported as 20% short, 80% adequate. **Small grains** were reported as beginning to head out. **Potatoes** were reported as 99% emerged, with a few fields just beginning to bloom. First cutting of **hay** was 20% complete, with many cut fields remaining to be baled. Condition of the **hay** crop was reported as 15% fair, 85% good. **Crop growth** was rated as 100% moderate. No **wind or rain damage to crops** was reported. Major **farm activities** during the week included cutting hay, weed control, and irrigating.

KENAI PENINSULA: 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 80% emerged. First cutting of **hay** was 20% complete. Condition of the **hay** crop was reported as 20% fair, 60% good and 20% excellent. **Crop growth** was rated as 10% slow, 85% moderate, 5% rapid. **Wind or rain damage to crops** was reported as 100% none. Major **farm activities** for the week included harvesting hay and weed control.

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	61	63	62	63	64	61	75	47	0.14
Sawmill Creek	54	54	na	na	na	na	77	46	0.47
Plant Materials Center	54	62	58	na	58	59	72	46	0.06

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 July 3, 2006
 To: Sunday July 9, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - July 9, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	75	47	60	-4	1.45	4	2.37	-0.08	20	412	-44	998
Fairbanks/Eiels	75	51	62	+0	0.74	6	1.94	-1.09	30	502	+76	1132
Nenana_Muni_AM	75	48	59	-4	1.11	5	2.22	+0.26	19	372	-10	937
Ftgreely/Allen	74	49	60	-2	0.29	7	7.02	+3.06	36	339	-51	893
Healy_River_Air	70	50	58	-3	0.79	6	2.75	-1.09	33	340	+47	917
Gulkana_Arpt_A	76	44	59	+4	0.12	2	0.91	-1.75	20	246	+70	739
Sutton	70	41	56	-1	0.17	5	2.85	-0.06	39	163	-17	691
Palmer_Municipa	75	47	58	+0	0.00	0	0.42	-2.09	7	299	+32	891
Talkeetna	76	44	59	+1	0.17	2	3.59	-1.28	25	290	+30	851
Willow_Airport	73	47	60	+3	0.06	1	2.51	+0.41	30	377	+148	959
Anchorage_Intl	70	46	57	-2	0.00	0	1.74	-0.40	13	278	+34	848
Kenai_Municipal	69	37	56	+2	0.22	4	2.94	+0.47	25	206	+90	735
Homer	64	41	53	+0	0.01	1	2.13	-0.26	33	87	-5	602
Kodiak	65	46	54	+2	0.04	2	12.33	-0.68	35	118	+30	584

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