

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

Alaska Division of Agriculture  
Alaska Cooperative Extension  
Ag & Forestry Experiment Station

USDA, NASS, Alaska Field Office  
P.O. Box 799  
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**RELEASED:** July 3, 2006

**GENERAL:** There were **5.0 days suitable for fieldwork** last week. Temperatures were generally at or slightly below normal 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 5% headed, mostly in the Fairbanks area. **Oats** were reported as 20% in-boot. **Condition of the barley crop** was reported as 30% poor, 45% fair, 20% good, 5% excellent. **Condition of the oat crop** was reported as 30% poor, 40% fair, 25% good, 5% excellent. **Potatoes** were listed as 65% emerged statewide. First cutting **hay harvest** was less than 15% complete. Condition of the **hay crop** was reported as 15% poor, 25% fair, 60% good. **Crop growth** was rated as 10% slow, 80% moderate, 10% rapid. **Wind and rain damage to crops** was reported as 95% none, 5% light. The main **farm activities** for the week were mowing hay, weed control, building fence, and prepping hay equipment.

CROP WEATHER SUMMARY June 26 – July 2, 2006		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	95%	95%
SURPLUS	5%	5%
PAN EVAPORATION FOR 06/25- 07/02 MAT AES SITE: +0.392		

**TANANA VALLEY:** An average of **5.0 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 5% headed, mostly around Fairbanks. **Oats** were reported as 20% in-boot. **Condition of the barley crop** was reported as 30% poor, 45% fair, 20% good, 5% excellent. **Condition of the oat crop** was reported as 35% poor, 55% fair, 5% good, 5% excellent. **Potatoes** were listed as 40% emerged. First cutting **hay harvest** was less than 15% complete. Condition of the **hay crop** was reported as 25% poor, 30% fair, 45% good. **Crop growth** was rated as 10% slow, 70% moderate, 20% rapid. **Wind and rain damage to crops** was listed as 90% none, 5% light. **Farm activities** for the week included mowing hay, weed control, building fence and prepping equipment for hay harvest.

**MATANUSKA VALLEY:** An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were both reported as 100% adequate. **Small grains** were reported as 100% pre-boot stage. **Potatoes** were reported as 85% emerged. First cutting of hay was 15% 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 5% slow, 85% moderate. No **wind or rain damage to crops** was reported. Major **farm activities** during the week included cutting hay, weed control, and machinery repair.

**KENAI PENINSULA:** An average of **4.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were both reported as 100% adequate. **Potatoes** were reported as 40% emerged. Condition of the **hay crop** was reported as 10% poor, 20% fair, 60% good and 10% excellent. Harvest is slow to get started due to weather conditions. **Crop growth** was rated as 10% slow, 80% moderate, 10% rapid. **Wind or rain damage to crops** was reported as 90% none, 10% light. Major **farm activities** for the week included preparing for hay harvest and weed control.

## Soil Temperatures ( F<sup>0</sup> ) 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	57	60	66	59	60	64	71	42	0.58
Sawmill Creek	50	53	60	na	na	na	76	40	1.14
Plant Materials Center	na	61	na	na	55	na	75	42	0.15

## 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 June 26, 2006  
 To: Sunday July 2, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - July 2, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	73	49	60	-4	0.27	4	0.92	-1.18	16	338	-27	854
Fairbanks/Eiels	73	50	61	-2	0.28	5	1.20	-1.34	24	418	+77	978
Nenana_Muni_AM	74	48	60	+0	0.53	3	1.11	-0.44	14	310	+8	805
Ftgreely/Allen	75	44	57	-4	1.14	6	6.73	+3.40	29	267	-46	751
Healy_River_Air	66	46	56	-3	0.49	6	1.96	-1.25	27	282	+57	789
Gulkana_Arpt_A	73	33	55	-2	0.06	3	0.79	-1.46	18	179	+50	602
Sutton	66	43	54	-2	0.22	3	2.68	+0.25	34	119	-18	577
Palmer_Municipa	72	44	56	-2	0.05	1	0.42	-1.67	7	241	+30	763
Talkeetna	71	44	55	-4	0.46	3	3.42	-0.81	23	225	+28	716
Willow_Airport	70	48	58	+0	0.20	3	2.45	+0.70	29	305	+132	817
Anchorage_Intl	67	46	55	-3	0.12	3	1.74	-0.10	13	230	+42	730
Kenai_Municipal	69	39	53	+0	0.38	2	2.72	+0.60	21	165	+81	624
Homer	60	38	50	-3	0.26	2	2.12	+0.01	32	62	-4	507
Kodiak	61	37	50	-3	0.26	2	12.29	+0.30	33	87	+23	483

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