

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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GENERAL: There were **4.5 days suitable for fieldwork** last week. Temperatures were generally at or slightly below normal. Most areas received some precipitation by week's end. **Topsoil moisture** supplies were reported as 10% short, 85% adequate, 5% surplus. **Subsoil moisture** supplies were reported as 90% adequate, 10% surplus. **Barley** was reported as 5% in-boot, while **oats** were still reported as 100% in pre-boot stage. **Condition of the barley crop** was reported as 25% poor, 50% fair, 20% good, 5% excellent. **Condition of the oat crop** was reported as 25% poor, 40% fair, 35% good. **Potatoes** were listed as 35% emerged statewide. First cutting **hay harvest** was less than 10% complete. Condition of the **hay** crop was reported as 15% poor, 25% fair, 60% good. **Crop growth** was rated as 15% slow, 75% moderate, 10% rapid. **Wind and rain damage to crops** was reported as 90% none, 5% light, 5% moderate. The main **farm activities** for the week were weed control, cutting hay, machinery repair, and waiting for things to dry out.

CROP WEATHER SUMMARY June 19 – June 25 2006		
DAYS SUITABLE FOR FIELDWORK: 4.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	0%
ADEQUATE	85%	90%
SURPLUS	5%	10%
PAN EVAPORATION FOR 06/19- 06/25 MAT AES SITE: +0.22		

TANANA VALLEY: An average of **4.5 days were suitable for fieldwork** last week. Delta Junction received several inches of rain last week, while Fairbanks had only scattered showers. **Topsoil moisture** was reported as 20% short, 70% adequate, 10% surplus. **Subsoil moisture** was reported as 85% adequate, 15%. **Barley** was reported as 5% in-boot, mostly around Fairbanks and **oats** were reported as 100% pre-boot. **Condition of the barley crop** was reported as 25% poor, 50% fair, 20% good, 5% excellent. **Condition of the oat crop** was reported as 35% poor, 50% fair, 15% good. **Potatoes** were listed as 10% emerged. First cutting **hay harvest** was less than 10% complete. Condition of the **hay** crop was reported as 25% poor, 30% fair, 45% good. **Crop growth** was rated as 15% slow, 70% moderate, 15% rapid. **Wind and rain damage to crops** was listed as 90% none, 5% light, 5% moderate. **Farm activities** for the week included weed control and harvesting hay when weather conditions permitted.

MATANUSKA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** supplies were both reported as 100% adequate as most areas received some rain. **Small grains** were reported as 100% pre-boot stage. **Potatoes** were reported as 50% emerged. First cutting of hay was less than 10% complete. Condition of the **hay** crop was reported as 15% fair, 85% good. **Crop growth** was rated as 15% slow, 85% moderate. **Wind or rain damage to crops** was reported as 95% none, 5% light. Major **farm activities** during the week included weed control, machinery repair, and preparing for hay harvest.

KENAI PENINSULA: An average of **2.0 days were suitable for fieldwork** as rain continued to fall on the Kenai. **Topsoil moisture** supplies were reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were reported as 100% adequate. **Potatoes** were reported as 20% emerged. Condition of the **hay** crop was reported as 5% poor, 10% fair, 65% good and 20% excellent. Harvest has yet to begin due to weather conditions. **Crop growth** was rated as 20% slow, 70% moderate, 10% rapid. **Wind or rain damage to crops** was reported as 95% none, 5% light. Major **farm activities** for the week included preparing for hay harvest and waiting for things to dry out.

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	56	58	62	55	55	64	66	44	0.41
Sawmill Creek	46	54	57	na	na	na	74	36	2.78
Plant Materials Center	na	57	62	na	52	58	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 June 19, 2006
 To: Sunday June 25, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - June 25, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	72	48	60	-2	0.24	2	0.65	-1.10	12	270	-8	716
Fairbanks/Eiels	72	50	62	+1	0.20	6	0.92	-1.13	19	343	+84	833
Nenana_Muni_AM	74	44	60	+0	0.23	3	0.58	-0.62	11	237	+11	662
Ftgreely/Allen	71	43	53	-7	3.64	5	5.59	+2.89	23	217	-26	631
Healy_River_Air	66	39	56	-2	0.73	7	1.47	-1.11	21	238	+74	675
Gulkana_Arpt_A	66	33	51	-4	0.24	4	0.73	-1.10	15	141	+51	499
Sutton	66	37	51	-4	0.60	6	2.46	+0.45	31	90	-9	479
Palmer_Municipa	68	44	55	-2	0.10	2	0.37	-1.32	6	198	+38	650
Talkeetna	68	40	54	-4	1.07	5	2.96	-0.64	20	187	+44	608
Willow_Airport	66	45	56	+0	0.50	4	2.25	+0.80	26	249	+127	691
Anchorage_Intl	66	44	54	-3	0.45	2	1.62	+0.06	10	189	+50	619
Kenai_Municipal	68	38	54	+2	0.58	3	2.34	+0.50	19	141	+83	530
Homer	63	39	50	-2	0.29	4	1.86	+0.03	30	56	+11	439
Kodiak	54	40	48	-3	1.00	7	12.03	+1.14	31	76	+31	411

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