

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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GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 20% short, 80% adequate. **Subsoil moisture** supplies were also reported as 20% short, 80% adequate. **Barley** was reported as 25% turning color. **Oats** were reported as 60% in dough. **Condition of the barley crop** was reported as 20% poor, 20% fair, 35% good, 25% excellent. **Condition of the oat crop** was reported as 15% poor, 30% fair, 35% good, 20% excellent. **Potatoes** were listed as 50% in bloom statewide. **Condition of the potato crop** was reported as 20% fair, 60% good, 20% excellent. First cutting **hay harvest** was 95% complete; second cutting will be underway soon. Condition of the **hay crop** was reported as 5% poor, 20% fair, 45% good, 30% excellent. **Crop growth** was rated as 10% slow, 75% moderate, 15% rapid. **Wind and rain damage to crops** was reported as 90% none, 10% light. The main **farm activities** for the week were irrigating fields, weed spraying, harvesting hay, vegetables, and grass seed, and preparing for grain harvest.

CROP WEATHER SUMMARY July 31 – August 6, 2006		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	20%	20%
ADEQUATE	80%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/31- 08/06 MAT AES SITE: +0.218		

TANANA VALLEY: An average of **5.5 days were suitable for fieldwork** last week. **Topsoil moisture and subsoil moisture** were both reported as 25% short, 75% adequate. **Barley** was reported as 25% turning color. **Oats** were reported as 65% in dough. **Condition of the barley crop** was reported as 20% poor, 20% fair, 35% good, 25% excellent. **Condition of the oat crop** was reported as 20% poor, 35% fair, 20% good, 25% excellent. **Potatoes** were listed as 40% in bloom. **Condition of the potato crop** was reported as 30% fair, 60% good, 10% excellent. First cutting **hay harvest** was 99% complete. Condition of the **hay crop** was reported as 10% poor, 20% fair, 30% good, 40% excellent. **Crop growth** was rated as 75% moderate, 25% rapid. **Wind and rain damage to crops** was listed as 90% none, 10% light. **Farm activities** for the week included harvesting hay, vegetables and grass seed, weed control, and preparing for small grain harvest.

MATANUSKA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was reported as 20% short, 80% adequate. **Potatoes** were reported as 55% in bloom. **Condition of the potato crop** was reported as 10% fair, 65% good, 25% excellent. First cutting of **hay** was 95% complete. Condition of the **hay crop** was reported as 10% fair, 75% good, 15% excellent. **Crop growth** was rated as 20% slow, 80% moderate. **Wind or rain damage to crops** was reported as 95% none, 5% light. Major **farm activities** during the week included weed control, fence repair, irrigating and harvesting hay, grass seed and vegetables.

KENAI PENINSULA: An average of **3.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were reported as 50% in bloom. **Condition of the potato crop** was reported as 5% poor, 10% fair, 45% good, 40% excellent. First cutting of **hay** was 90% complete. Condition of the **hay crop** was reported as 10% poor, 20% fair, 60% good, 10% excellent. **Crop growth** was rated as 15% slow, 85% moderate. **Wind or rain damage to crops** was reported as 70% none, 20% light, 10% moderate. 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	57	59	63	59	52	57	67	42	0.57
Sawmill Creek	52	50	54	na	na	na	74	32	0.15
Plant Materials Center	na	57	60	Na	50	59	69	41	0.76

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 31, 2006
 To: Sunday August 6, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - August 6, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	73	46	58	-3	0.07	1	3.13	-0.96	29	724	-58	1590
Fairbanks/Eiels	73	45	58	-2	0.11	2	2.62	-2.52	39	845	+106	1755
Nenana_Muni_AM	73	43	57	-2	0.19	1	3.34	-0.51	31	654	-17	1499
Ftgreely/Allen	70	45	57	-3	0.27	2	7.62	+1.22	45	615	-62	1449
Healy_River_Air	66	43	55	-3	0.24	3	4.61	-1.58	48	600	+55	1456
Gulkana_Arpt_A	65	37	51	-6	0.44	5	1.71	-2.60	27	412	+44	1182
Sutton	63	41	53	-4	0.88	6	5.88	+0.84	60	288	-83	1096
Palmer_Municipa	66	45	55	-4	0.67	2	1.20	-3.25	12	514	+24	1386
Talkeetna	68	48	57	-2	0.37	4	6.17	-1.91	38	540	+36	1381
Willow_Airport	70	46	57	-2	0.82	6	5.13	+1.23	51	660	+180	1522
Anchorage_Intl	66	48	55	-4	0.30	2	2.81	-1.14	19	507	+25	1357
Kenai_Municipal	65	41	56	+0	0.29	6	3.40	-0.81	38	391	+129	1200
Homer	59	43	53	-3	0.54	6	2.94	-0.90	46	196	-26	991
Kodiak	65	49	54	-2	1.07	4	21.32	+4.79	50	212	-12	956

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