

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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P.O. Box 799
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GENERAL: There were **3.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 75% adequate, 25% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Barley** was 15% turning color. **Oats** were reported as 25% in dough. Condition of the barley crop was 30% fair, 45% good, 25% excellent. Condition of the oat crop was 20% fair, 60% good, 20% excellent. **Potatoes** were reported as 25% in bloom. **Hay** harvest was 70% complete. Hay condition was rated as 15% poor, 25% fair, 50% good, 10% excellent. **Crop growth** was rated 30% slow, 60% moderate, 10% rapid. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. The main **farm activities** for the week were cutting hay, weed control, general maintenance.

CROP WEATHER SUMMARY July 28 -Aug 3, 2008		
DAYS SUITABLE FOR FIELDWORK: 3.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	75%	100%
SURPLUS	25%	0%
PAN EVAPORATION FOR 07/28 - 08/03 MAT AES SITE: -0.382		

TANANA VALLEY: An average of **1.0 day was suitable for fieldwork** as 2+ inches of rain fell in the Tanana Valley last week. **Topsoil moisture** was reported at 60% adequate, 40% surplus. **Subsoil moisture** was reported as 100% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 25% in dough. Condition of the barley crop was 30% fair, 45% good, 25% excellent. Condition of the oat crop was 30% fair, 50% good, 20% excellent. **Potatoes** were 20% in bloom. **Hay** harvest was 85% complete. Condition of hay was rated as 15% poor, 25% fair, 60% good. **Crop growth** was rated 40% slow, 50% moderate, 10% rapid. **Wind or rain damage** was reported as 70% none, 10% light, 20% moderate as some small grains and canola were laid over by the rain. **Farm activities** for the week included haying and general maintenance.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture** was reported as 5% short, 90% adequate, 5% surplus. **Potatoes** were 25% in bloom. **Hay** harvest was 50% complete. Condition of hay was rated as 10% poor, 25% fair, 55% good, 10% excellent. **Crop growth** was rated 30% slow, 70% moderate. **Wind or rain damage** was reported as 95% none, 5% light. Major **farm activities** during the week included weed control, cutting hay, harvesting native grass seed and vegetables.

KENAI PENINSULA: There were **6.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Potatoes** were 25% in bloom. **Hay** harvest was 20% complete. Condition of hay was rated as 10% poor, 40% fair, 40% good, 10% excellent. **Crop growth** was rated 70% moderate, 30% rapid. **Wind or rain damage** was reported as 100% none. Major **farm activities** for the week included finally harvesting hay, machinery maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u>
	2008	2007	2006	2008	2007	2006	High	Low	(inches)
UAF-AFES, Trunk Road	57	60	57	61	57	59	69	47	.52
Sawmill Creek	48	55	52	na	na	na	74	37	3.99
Plant Materials Center	55	55	na	na	na	na	68	45	.64

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 28, 2008
 To: Sunday August 3, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - August 3, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	68	45	55	-6	3.07	6	7.26	+3.30	43	680	-84	1563
Fairbanks/Eiels	64	46	53	-8	5.21	7	11.22	+6.25	50	479	-242	1310
Nenana_Muni_AM	68	43	54	-6	2.15	5	7.44	+3.73	40	492	-163	1327
Ftgreely/Allen	70	43	51	-9	4.58	7	10.16	+3.93	44	421	-239	1253
Healy_River_Air	62	43	51	-7	1.48	7	4.48	-1.54	51	323	-208	1089
Gulkana_Arpt_A	69	43	52	-5	1.40	4	5.45	+1.27	34	236	-120	972
Sutton	63	45	54	-4	0.30	5	5.06	+0.20	61	159	-200	886
Palmer_Municipa	70	47	57	-2	0.35	4	2.61	-1.69	24	319	-157	1167
Talkeetna	74	47	57	-3	0.08	2	5.19	-2.58	34	325	-164	1113
Willow_Airport	66	48	57	-2	0.17	3	4.97	+1.24	54	396	-67	1238
Anchorage_Intl	68	44	56	-3	0.13	3	4.38	+0.62	29	263	-203	1050
Kenai_Municipal	70	41	55	+0	0.23	3	2.77	-1.27	35	214	-38	939
Homer	66	42	53	-3	0.09	1	4.07	+0.39	33	104	-108	760
Kodiak	70	49	57	+2	0.12	3	31.83	+15.74	54	124	-88	739

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