

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** July 28, 2008

**GENERAL:** There were **4.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 10% short, 85% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was 15% in the dough stage. **Oats** were reported as 50% headed. 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 15% in bloom. **Hay** harvest was 65% complete. Hay condition was rated as 20% poor, 20% fair, 60% good. **Crop growth** was rated 25% slow, 70% moderate, 5% rapid. **Wind or rain damage** to crops was reported as 95% none, 5% light. The main **farm activities** for the week were harvesting hay, weed control, general maintenance.

CROP WEATHER SUMMARY July 21 - July 27, 2008		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	5%
ADEQUATE	85%	95%
SURPLUS	5%	0%
PAN EVAPORATION FOR 07/21 - 07/27 MAT AES SITE: 0.896		

**TANANA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 20% short, 75% adequate, 10% surplus. **Subsoil moisture** was reported as 100% adequate. **Barley** was reported as 15% in dough. **Oats** were reported as 50% headed. 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 80% complete. Condition of hay was rated as 20% poor, 20% fair, 60% good. **Crop growth** was rated 25% slow, 70% moderate, 5% rapid. **Wind or rain damage** was reported as 100% none. **Farm activities** for the week included haying, CRP maintenance, working fallow ground, general maintenance.

**MATANUSKA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture** was reported as 10% short, 85% adequate, 5% surplus. **Potatoes** were 10% in bloom. **Hay** harvest was 50% complete. Condition of hay was rated as 10% poor, 20% fair, 65% good, 5% excellent. **Crop growth** was rated 35% slow, 65% moderate. **Wind or rain damage** was reported as 85% none, 15% light. Major **farm activities** during the week included weed control, equipment repair, harvesting native grass seed.

**KENAI PENINSULA:** There were **1.0 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 12% complete. Condition of hay was rated as 30% poor, 40% fair, 30% good. **Crop growth** was rated 25% slow, 75% moderate. **Wind or rain damage** was reported as 70% none, 20% light, 10 moderate. Major **farm activities** for the week included preparing for hay harvest, machinery maintenance.

## 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>
	2008	2007	2006	2008	2007	2006	High	Low	
UAF-AFES, Trunk Road	59	64	59	57	64	56	68	46	1.32
Sawmill Creek	50	56	na	na	na	na	70	34	.22
Plant Materials Center	53	57	58	na	na	56	67	44	.84

### 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 21, 2008  
 To: Sunday July 27, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - July 27, 08 GDD						
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F			BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT	
Fairbanks_Intl	73	44	57	-6	0.04	2	4.19	+0.65	37	644	-49	1457	
Fairbanks/Eiels	70	41	55	-7	0.33	4	6.01	+1.60	43	455	-197	1218	
Nenana_Muni_AM	72	41	54	-7	0.22	4	5.29	+2.07	35	464	-129	1231	
Ftgreely/Allen	68	42	54	-7	1.09	4	5.58	-0.08	37	408	-187	1177	
Healy_River_Air	68	39	51	-9	0.28	5	3.00	-2.44	44	307	-169	1008	
Gulkana_Arpt_A	63	41	51	-6	0.18	5	4.05	+0.29	30	214	-97	885	
Sutton	63	44	51	-6	1.05	7	4.76	+0.46	56	129	-184	788	
Palmer_Municipa	68	45	54	-5	0.99	6	2.26	-1.55	20	271	-150	1049	
Talkeetna	71	46	54	-6	1.42	7	5.11	-1.77	32	276	-155	994	
Willow_Airport	63	48	54	-6	1.19	7	4.80	+1.57	51	342	-58	1114	
Anchorage_Intl	66	48	54	-6	1.84	6	4.25	+1.03	26	216	-194	933	
Kenai_Municipal	69	48	54	-2	0.60	4	2.54	-1.01	32	174	-43	830	
Homer	60	45	52	-4	1.34	6	3.98	+0.71	32	79	-98	666	
Kodiak	65	46	53	-3	1.66	7	31.71	+16.46	51	75	-100	620	

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