

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** July 21, 2008

**GENERAL:** There were **4.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were listed as 15% short, 85% adequate. **Barley** was 10% in the dough stage. **Oats** were reported as 40% headed. Condition of the barley crop was 30% fair, 45% good, 25% excellent. Condition of the oat crop was 25% fair, 60% good, 15% excellent. **Potatoes** were reported as 10% in bloom. **Hay** harvest was 60% complete. Hay condition was rated as 10% poor, 20% fair, 60% good, 10% excellent. **Crop growth** was rated 10% slow, 70% moderate, 20% 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 14 - July 20, 2008		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	15%
ADEQUATE	90%	85%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/14 - 07/20 MAT AES SITE: N/A		

**TANANA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture supplies** were 10% short, 90% adequate. **Barley** was reported as 10% in dough. **Oats** were reported as 40% 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 10% in bloom. **Hay** harvest was 75% complete. Condition of hay was rated as 15% poor, 25% fair, 55% good, 5% excellent. **Crop growth** was rated 10% slow, 75% moderate, 15% rapid. **Wind or rain damage** was reported as 100% none. **Farm activities** for the week included weed control, haying, CRP maintenance, working fallow ground.

**MATANUSKA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture** was reported as 20% short, 80% adequate. **Potatoes** were 5% in bloom. **Hay** harvest was 45% complete. Condition of hay was rated as 10% poor, 10% fair, 80% good. **Crop growth** was rated 10% slow, 60% moderate, 30% rapid. **Wind or rain damage** was reported as 95% none, 5% light. Major **farm activities** during the week included weed control, harvesting hay, farm maintenance.

**KENAI PENINSULA:** There were **5.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Potatoes** were 10% in bloom. **Hay** harvest was 10% complete. Condition of hay was rated as 10% poor, 20% fair, 50% good, 20% excellent. **Crop growth** was rated 75% moderate, 25% rapid. **Wind or rain damage** was reported as 95% none, 5% light. 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	na	60	61	na	58	62	66	47	.62
Sawmill Creek	49	57	54	na	na	na	77	43	.36
Plant Materials Center	53	55	58	na	na	57	65	47	.79

### 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 14, 2008  
 To: Sunday July 20, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - July 20, 08 GDD						
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F			BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT	
Fairbanks_Intl	76	46	58	-5	0.06	2	4.15	+1.03	35	596	-15	1339	
Fairbanks/Eiels	76	41	56	-7	0.51	4	5.68	+1.82	39	418	-155	1111	
Nenana_Muni_AM	76	43	56	-6	0.10	5	5.07	+2.34	31	432	-88	1130	
Ftgreely/Allen	72	45	55	-6	0.98	5	4.49	-0.54	33	380	-141	1080	
Healy_River_Air	66	43	53	-8	0.26	5	2.72	-2.16	39	293	-120	930	
Gulkana_Arpt_A	73	35	55	-3	0.24	2	3.87	+0.53	25	203	-59	804	
Sutton	63	45	52	-6	0.74	5	3.71	-0.03	49	112	-152	705	
Palmer_Municipa	66	48	56	-3	0.68	5	1.27	-2.05	14	241	-124	949	
Talkeetna	65	49	55	-5	1.39	5	3.69	-2.38	25	244	-124	893	
Willow_Airport	63	48	56	-4	0.83	4	3.61	+0.84	44	312	-25	1014	
Anchorage_Intl	65	48	55	-4	1.15	4	2.41	-0.35	20	187	-161	834	
Kenai_Municipal	63	46	54	-2	0.24	6	1.94	-1.17	28	144	-32	730	
Homer	61	43	52	-3	0.86	4	2.64	-0.28	26	63	-79	580	
Kodiak	67	41	53	-2	0.27	2	30.05	+15.64	44	53	-87	529	

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