

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 **6.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 100% adequate. **Subsoil moisture** supplies were also listed as 100% adequate. **Barley** was 5% harvested, mostly in the Fairbanks area. **Oats** were reported as 15% ripe. Condition of the barley crop was 40% fair, 40% good, 20% excellent. Condition of the oat crop was 30% fair, 60% good, 10% excellent. **Potatoes** were reported as 60% in bloom, with a limited harvest underway. Condition of the potato crop was 20% fair, 80% good. First cutting **hay** harvest was 90% complete statewide; second cutting was reported as 15% complete. Hay condition was rated as 20% poor, 30% fair, 50% good. No **wind or rain damage** to crops was reported. The main **farm activities** for the week were harvesting hay and vegetables, weed control, preparing for small grain harvest, general maintenance.

CROP WEATHER SUMMARY August 25 – August 31, 2008		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	0%
ADEQUATE	100%	100%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/25 – 08/31 MAT AES SITE: -0.118		

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. Temperatures dipped into the 20's around Delta Junction. **Barley** was reported as 5% harvested. **Oats** were reported as 15% ripe. Condition of the barley crop was 40% fair, 40% good, 20% excellent. Condition of the oat crop was 40% fair, 50% good, 10% excellent. First cutting **hay** harvest was 95% complete; second cutting was reported as 20% complete. Condition of hay was rated as 25% poor, 25% fair, 50% good. No **wind or rain damage** was reported. **Farm activities** for the week included baling hay and preparing for grain harvest.

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 100% adequate. **Potatoes** were 80% in bloom. First cutting **hay** harvest was 90% complete. Condition of hay was rated as 15% poor, 35% fair, 50% good. **Wind or rain damage** was reported as 95% none, 5% light. Major **farm activities** during the week included general maintenance, harvesting hay, native grass seeds and vegetables.

KENAI PENINSULA: There were **5.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 5% short, 95% adequate. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were 90% in bloom. First cutting **hay** harvest was 90% complete, second cutting was 30% complete. Condition of hay was rated as 15% poor, 20% fair, 50% good, 15% excellent. Major **farm activities** for the week included harvesting hay and vegetables, 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	56	57	na	56	55	na	65	41	.33
Sawmill Creek	45	50	47	na	na	na	65	25	.00
Plant Materials Center*	54	53	51	na	na	na	61	45	.10

* data is incomplete and includes information from 8/25 through 8/29 only, soil temperature is from 8/29.

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 August 25, 2008
 To: Sunday August 31, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - August 31, 08 GDD						
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F			BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT	
Fairbanks_Intl	68	37	53	+1	0.00	0	9.73	+4.22	54	819	-106	1981	
Fairbanks/Eiels	65	30	49	-4	0.00	0	13.48	+6.49	62	557	-323	1649	
Nenana_Muni_AM	65	35	50	-2	0.00	0	9.64	+4.21	52	584	-207	1687	
Ftgreely/Allen	62	36	50	-3	0.00	0	10.92	+2.85	55	487	-331	1580	
Healy_River_Air	61	37	50	-2	0.00	0	5.59	-2.56	64	365	-291	1369	
Gulkana_Arpt_A	64	30	49	-2	0.60	4	6.95	+1.16	50	276	-191	1273	
Sutton	61	44	53	+1	0.15	6	6.57	-0.70	84	226	-260	1219	
Palmer_Municipa	66	43	55	+2	0.25	5	3.99	-2.40	41	464	-170	1592	
Talkeetna	65	42	54	+3	0.17	3	7.94	-4.00	49	456	-181	1524	
Willow_Airport	63	41	55	+1	0.14	5	6.56	+0.44	75	553	-85	1675	
Anchorage_Intl	62	46	55	+2	0.13	2	7.09	+0.62	38	424	-214	1491	
Kenai_Municipal	62	34	52	+1	0.07	3	3.49	-2.99	47	337	-31	1340	
Homer	63	39	52	+0	0.00	0	5.63	-0.19	48	179	-144	1112	
Kodiak	67	40	53	-2	0.12	3	38.46	+18.16	68	224	-128	1117	

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