

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Alaska Field Office
P.O. Box 799
Palmer, AK 99645

RELEASED: September 4, 2007

GENERAL: There were **7.0 days suitable for fieldwork** last week. **Topsoil and subsoil moisture** were both reported as 10% short, 90% adequate. **Barley** was reported as 70% harvested. **Oats** were reported as 50% harvested. **Potato** harvest was reported as 10% complete. Second cutting **hay** was 70% complete. **Wind and rain damage to crops** was reported as 95% none, 5% light. The main **farm activities** for the week were harvesting hay, potatoes, vegetables, and small grains, baling straw, equipment maintenance.

CROP WEATHER SUMMARY August 27 – September 2, 2007		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	10%
ADEQUATE	90%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/27- 09/02 MAT AES SITE: +0.170		

TANANA VALLEY: An average of **7.0 days were suitable for fieldwork** last week. Delta Junction had its first hard frost over the weekend. **Topsoil and subsoil moisture** were both reported as 15% short, 85% adequate. **Barley** was reported as 75% harvested. **Oats** were reported as 50% harvested. Second cutting **hay harvest** was 85% complete. **Wind and rain damage to crops** was reported as 100% none. **Farm activities** for the week included harvesting hay and small grains, baling straw, equipment maintenance.

MATANUSKA VALLEY: An average of **7.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 5% short, 95% adequate. Second cutting of **hay** was 40% complete. **Wind and rain damage to crops** was reported as 95% none, 5% moderate. Major **farm activities** during the week included irrigation, weed control, harvesting hay, grass seed, potatoes and vegetables.

KENAI PENINSULA: An average of **7.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported as 100% adequate. Second cutting of **hay** was 80% complete. **Wind and rain damage to crops** was reported as 90% none, 10% light. Major **farm activities** for the week included harvesting hay, equipment maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2007	2006	2005	2007	2006	2005	High	Low	
UAF-AFES, Trunk Road	57	na	52	55	na	53	69	43	0.17
Sawmill Creek	50	47	na	na	na	na	75	29	0.00
Plant Materials Center	53	51	56	na	na	51	69	38	0.04

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 27, 2007
 To: Sunday September 2, 2007

STATION	LAST WEEK WEATHER SUMMARY						May 1, 07 - September 2, 07					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	76	38	57	+6	0.00	0	7.53	+1.96	42	1227	+300	2384
Fairbanks/Eiels	74	36	54	+3	0.00	0	8.50	+1.44	51	1046	+164	2186
Nenana_Muni_AM	74	35	56	+6	0.01	1	6.03	+0.56	38	1058	+265	2211
Ftgreely/Allen	73	39	56	+4	0.04	3	7.27	-0.86	52	1017	+195	2150
Healy_River_Air	72	34	56	+5	0.18	3	6.64	-1.58	76	1014	+356	2157
Gulkana_Arpt_A	73	29	51	+3	0.11	3	3.23	-2.62	41	632	+163	1683
Sutton	66	37	51	-1	0.12	3	7.35	-0.04	78	408	-80	1486
Palmer_Municipa	70	44	57	+4	0.14	1	1.49	-4.99	18	733	+96	1906
Talkeetna	71	41	56	+4	0.81	1	8.92	-3.22	51	763	+123	1913
Willow_Airport	70	44	56	+3	0.12	2	7.65	+1.43	74	893	+252	2080
Anchorage_Intl	70	45	57	+4	0.00	0	4.48	-2.11	39	676	+34	1810
Kenai_Municipal	69	37	54	+3	0.01	1	5.27	-1.35	53	552	+181	1639
Homer	65	41	53	+2	0.04	4	3.14	-2.82	51	275	-51	1267
Kodiak	70	40	53	-1	2.57	3	29.93	+9.22	72	343	-12	1250

For more weather information visit www.awis.com
 or call 1-888-798-9955.

Copyright 2006: Agricultural Weather Information Service, Inc.
 All rights reserved.

If you would prefer an electronic version of this report sent to you via email each Monday afternoon, please give us a call at (800)478-6079 and we can sign you up for our automatic subscription service.
