

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

USDA, NASS, Alaska Field Office
P.O. Box 799
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RELEASED: September 10, 2007

GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil and subsoil moisture** were both reported as 10% short, 90% adequate. **Barley** was reported as 80% harvested. **Oats** were reported as 60% harvested. **Potato** harvest was reported as 20% complete. Second cutting **hay** was 75% complete. **Winter supplies of hay** were listed as 15% short, 85% adequate statewide. **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 September 2 – September 9, 2007		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	10%
ADEQUATE	90%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/02- 09/09 MAT AES SITE: +0.238		

TANANA VALLEY: An average of **6.0 days were suitable for fieldwork** last week as the weather continued to be favorable for harvest. **Topsoil and subsoil moisture** were both reported as 15% short, 85% adequate. **Barley** was reported as 85% harvested. **Oats** were reported as 65% harvested. Second cutting **hay harvest** was 90% complete. **Wind and rain damage to crops** was reported as 100% none. **Farm activities** for the week included harvesting hay, potatoes, vegetables and small grains, baling straw, equipment maintenance.

MATANUSKA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported as 100% adequate. Second cutting of **hay** was 50% complete. **Wind and rain damage to crops** was reported as 85% none, 10% light, 5% moderate. Major **farm activities** during the week included harvesting hay, grass seed, potatoes and vegetables.

KENAI PENINSULA: An average of **5.0 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 85% complete. **Wind and rain damage to crops** was reported as 100% none. Major **farm activities** for the week included harvesting hay, potatoes and vegetables, cleaning up for winter.

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	55	54	na	52	52	na	66	38	0.93
Sawmill Creek	na	na	46	na	na	na	na	na	na
Plant Materials Center	na	50	55	na	na	50	na	na	na

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 September 3, 2007
 To: Sunday September 9, 2007

STATION	LAST WEEK WEATHER SUMMARY						May 1, 07 - September 9, 07			GDD		
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	39	53	+4	0.07	3	7.60	+1.74	45	1249	+311	2476
Fairbanks/Eiels	69	33	51	+2	0.16	2	8.66	+1.24	53	1056	+163	2265
Nenana_Muni_AM	67	35	53	+5	0.11	1	6.14	+0.41	39	1079	+277	2302
Ftgreely/Allen	66	36	51	+3	0.05	3	7.32	-1.10	55	1031	+192	2232
Healy_River_Air	64	34	51	+3	0.32	6	6.96	-1.68	82	1030	+363	2239
Gulkana_Arpt_A	63	26	48	+2	0.14	4	3.37	-2.83	45	637	+158	1744
Sutton	59	34	49	-1	0.85	5	8.20	+0.05	83	413	-89	1553
Palmer_Municipa	65	41	54	+3	0.17	3	1.66	-5.45	21	763	+107	2006
Talkeetna	66	42	53	+4	2.20	4	11.12	-2.08	55	788	+134	2008
Willow_Airport	63	45	55	+4	0.92	4	8.57	+1.70	78	929	+275	2186
Anchorage_Intl	63	46	55	+4	0.92	2	5.40	-1.89	41	712	+50	1916
Kenai_Municipal	62	40	53	+4	1.31	3	6.58	-0.81	56	575	+190	1731
Homer	61	39	52	+2	1.30	3	4.44	-2.28	54	290	-51	1350
Kodiak	63	43	53	+1	2.37	6	32.30	+9.96	78	364	-9	1341

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