

ALASKA CROP-WEATHER

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



U.S. Department of Agriculture
National Agricultural Statistics Service
P.O. Box 799
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RELEASED: September 20, 2004

GENERAL: There were **3.0 days suitable for fieldwork** last week statewide. Low temperatures dipped into the 20's last week across the state. Precipitation fell in many growing areas. **Topsoil moisture** and **subsoil moisture** supplies were both reported as 60% short, 40% adequate. The **barley and oat** crops remained at 95% harvested. **Potato** harvest was 65% complete statewide. **The second harvest of hay** also remained at 55% complete. Only minimal amounts of **wind or rain damage to small grains** was reported. **Winter supplies of hay** were listed as 10% short, 80% adequate, 10% surplus. **Farm activities** for the week include harvesting vegetables, potatoes and hay, baling straw, cleaning seed and equipment repair.

CROP WEATHER SUMMARY September 13 - September 19, 2004		
DAYS SUITABLE FOR FIELDWORK: 3.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	60%	60%
ADEQUATE	40%	40%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/13-09/19 MAT AES SITE: +0.430		

TANANA VALLEY: An average of **1.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 80% short, 20% adequate. **Subsoil moisture supplies** were 70% short, 30% adequate. **Barley and oats** were both reported as 95% harvested. **Potato** harvest was 25% complete. **Second cutting hay** harvest was 75% complete. **Winter supplies of hay** were listed as 80% adequate, 20% surplus. Harvest of straw and grains was stopped by mixed rain and snow during the week. **Farm activities** for the week included harvesting potatoes and vegetables.

MATANUSKA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture supplies** were both reported as 40% short, 60% adequate. **Potatoes** harvest was 90% complete. **Second cutting hay** remained at 5% complete; several fields were cut but not baled last week. A second cutting may not be possible in many areas before winter sets in. **Winter supplies of hay** were listed as 25% short, 75% adequate. Major **farm activities** included harvesting potatoes, vegetables and hay, cleaning seed, and equipment repair.

KENAI PENINSULA: An average of **5.0 days were suitable for fieldwork**. Heavy frosts were reported on the Peninsula. **Topsoil and subsoil moisture supplies** were both reported as 95% adequate, 5% surplus. **Potatoes** were reported as 95% harvested. **Second cutting hay** harvest was 95% complete. **Winter supplies of hay** were listed as 10% short, 80% adequate, 10% surplus. Major **farm activities** for the week included equipment and fence repair, as well as harvesting hay, potatoes and vegetables.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2004	2003	2002	2004	2003	2002	High	Low	
UAF-AFES, Trunk Road	46	45	49	43	44	46	61	25	0.34
Sawmill Creek	35	30	35	na	na	na	57	19	0.55
Plant Materials Center	na	48	na	na	44	na	54	24	0.16

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, Inc.

For the Period: Monday September 13, 2004
 To: Sunday September 19, 2004

STATION	LAST WEEK WEATHER SUMMARY						May 1, 04 - September 19, 04						GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT	
Fairbanks Intl	51	26	36	-8	0.25	2	4.21	-2.07	39	1445	+503	2668	
Fairbanks/Eiels	52	23	35	-10	0.51	3	6.60	-1.28	54	1530	+633	2771	
Nenana Muni AM	50	23	36	-9	0.76	3	7.97	+1.93	56	1269	+465	2459	
Ftgreely/Allen	55	22	34	-11	0.46	3	5.86	-2.90	40	1272	+419	2484	
Healy River Air	52	19	33	-12	0.37	4	6.05	-3.13	75	1203	+533	2392	
Gulkaņa Arpt_A	59	11	33	-10	0.02	1	3.15	-3.59	33	886	+401	2095	
Sutton	55	25	39	-7	0.31	3	8.31	-1.02	68	729	+217	1985	
Palmer Municipa	61	25	42	-7	0.27	3	5.77	-2.32	44	1048	+376	2389	
Talkeetna	59	25	41	-6	0.01	1	8.89	-5.89	42	1157	+495	2464	
Willow Airport	60	25	41	-7	0.36	2	7.32	-0.53	59	1120	+463	2453	
Anchorage Intl	59	29	43	-5	0.52	1	4.34	-4.00	31	994	+315	2321	
Kenai Municipal	59	21	39	-8	0.00	0	4.52	-4.07	42	682	+285	1911	
Homer	58	30	44	-4	0.00	0	3.70	-4.28	46	594	+238	1855	
Kodiak	62	34	47	-2	0.53	2	26.26	+1.19	84	538	+150	1803	

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation (Rainfall or melted snow/ice) and Pan Evap in inches.
 Precipitation Days = Days with precip of .01 inch or more.
 Air Temperatures in Degrees Fahrenheit.

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