

# 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 13, 2004

**GENERAL:** There were **6.0 days suitable for fieldwork** last week. Little rain fell last week and average temperatures remained below normal. Frosts were reported in most growing areas. **Topsoil moisture** supplies were reported as 80% short, 20% adequate. **Subsoil moisture** supplies were reported as 70% short, 30% adequate. The **barley and oat** crops were both reported as 95% harvested. **Potato** harvest was 20% complete statewide. **The second harvest of hay** was reported as 55% complete. No **wind or rain damage to small grains** was reported. **Winter supplies of hay** were listed as 10% short, 85% adequate, 5% surplus. **Farm activities** for the week include harvesting vegetables, hay, potatoes and small grains, baling straw and equipment repair

CROP WEATHER SUMMARY September 6 - September 12, 2004		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	80%	70%
ADEQUATE	20%	30%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/06-09/12 MAT AES SITE: +0.472		

**TANANA VALLEY:** An average of **7.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 95% short, 5% adequate. **Subsoil moisture supplies** were 75% short, 25% adequate. **Barley and oats** were both reported as 95% harvested. **Potato** harvest was 10% complete. **Second cutting hay** harvest was 75% complete. **Winter supplies of hay** were listed as 90% adequate, 10% surplus. **Farm activities** for the week included harvesting small grains, potatoes, hay and vegetables, baling straw, and preparing for winter.

**MATANUSKA VALLEY:** An average of **6.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture supplies** were both reported as 60% short, 40% adequate. **Potatoes** harvest was 30% complete. **Second cutting hay** remained at 5% complete due to poor stand regrowth. A second cutting may not be possible in many areas. **Winter supplies of hay** were listed as 20% short, 80% adequate. Major **farm activities** included harvesting potatoes, vegetables and hay, equipment repair, and weed control.

**KENAI PENINSULA:** An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture supplies** were reported as 15% short, 85% adequate. **Subsoil moisture supplies** were reported as 10% short, 90% adequate. **Potatoes** were reported as 25% 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 ( F<sup>0</sup> ) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2004	2003	2002	2004	2003	2002	High	Low	
UAF-AFES, Trunk Road	52	50	52	48	46	50	63	34	0.00
Sawmill Creek	na	38	42	na	na	na	na	na	na
Plant Materials Center	na	52	na	na	46	na	na	na	na

**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 6, 2004  
 To: Sunday September 12, 2004

STATION	LAST WEEK WEATHER SUMMARY						May 1, 04 - September 12, 04					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks Intl	61	28	42	-6	0.00	0	3.96	-2.05	37	1445	+503	2668
Fairbanks/Eiels	63	21	42	-7	0.00	0	6.09	-1.51	51	1530	+633	2771
Nenana Muni AM	60	23	40	-8	0.00	0	7.21	+1.36	53	1269	+465	2459
Ftgreely/Allen	61	23	41	-7	0.00	0	5.40	-3.15	37	1272	+426	2482
Healy River Air	73	23	44	-5	0.00	0	5.68	-3.15	71	1203	+533	2391
Gulkaņa Arpt_A	62	18	40	-7	0.00	0	3.13	-3.26	32	886	+403	2094
Sutton	61	27	45	-4	0.02	1	8.00	-0.57	65	729	+223	1977
Palmer Municipa	62	35	49	-2	0.00	0	5.50	-1.96	41	1047	+383	2370
Talkeetna	64	30	47	-3	0.00	0	8.88	-4.88	41	1157	+499	2452
Willow Airport	63	30	48	-3	0.00	0	6.96	-0.26	57	1120	+463	2437
Anchorage Intl	63	37	50	-1	0.00	0	3.82	-3.85	30	993	+323	2296
Kenai Municipal	65	26	46	-4	0.17	2	4.52	-3.28	42	682	+292	1903
Homer	62	34	48	-2	0.19	3	3.70	-3.44	46	594	+245	1826
Kodiak	60	36	49	-3	0.48	3	25.73	+2.57	82	533	+152	1751

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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