

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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

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**RELEASED:** August 31, 2009

**GENERAL:** There were **4.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were listed as 20% short, 80% adequate. **Barley** was reported as 25% harvested. **Oats** were 55% ripe. Condition of the barley crop was rated as 5% fair, 60% good, 35% excellent. Condition of the oat crop was rated as 10% fair, 60% good, 30% excellent. **Potatoes** were reported as 5% harvested. Condition of the potato crop was 15% fair, 55% good, 30% excellent. **Second cutting of hay** was 25% complete. Condition of the hay crop was rated as 20% poor, 50% fair, 30% good. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 20% poor, 35% fair, 35% good, 10% excellent. **Wind or rain damage** was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, barley and vegetables, drying grain, and machinery maintenance

CROP WEATHER SUMMARY August 24 - August 30, 2009		
DAYS SUITABLE FOR FIELDWORK: 4.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	20%
ADEQUATE	95%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/24 - 08/30 MAT AES SITE: 0.399		

**TANANA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Barley** was reported as 25% harvested. **Oats** were 60% ripe. **Condition of the barley crop** was rated as 5% fair, 55% good, 40% excellent. **Condition of the oat crop** was rated as 15% fair, 50% good, 35% excellent. **Second cutting of hay** was 20% complete. **Condition of the hay crop** was listed as 20% poor, 60% fair, 20% good. **Range and pasture** condition was reported as 20% poor, 30% fair, 30% good, 20% excellent. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week included harvesting hay, barley and forage oats, baling straw, and disking stubble.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported as 10% short, 90% adequate. **Potatoes** were reported as 5% harvested. **Second cutting of hay** was 20% complete. **Condition of the hay crop** was listed at 20% poor, 30% fair, 50% good. **Range and pasture** condition was reported as 20% poor, 45% fair, 35% good. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week included weed control, harvesting hay, potatoes and vegetables.

**KENAI PENINSULA:** An average of **3.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 100% adequate. **Potatoes** were 10% harvested. **Second cutting of hay** was 85% complete. **Condition of the hay crop** was listed as 20% poor, 30% fair, 30% good, 20% excellent. **Range and pasture** condition was reported as 20% poor, 20% fair, 40% good, 20% excellent. **Wind or rain damage** was 90% none, 10% light. **Farm activities** for the week were harvesting hay and vegetables, equipment maintenance and cleanup.

## Soil Temperatures (F<sup>0</sup>) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	57	56	57	54	56	55	66	41	0.18
Sawmill Creek	49	45	50	na	na	na	67	29	0.25
Plant Materials Center	na	54	53	na	na	na	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 August 24, 2009  
 To: Sunday August 30, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - August 30, 09					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks Intl	73	43	52	-1	0.31	6	3.61	-1.81	30	1076	+157	2210
Fairbanks/Eiels	70	39	50	-4	0.45	6	6.43	-0.45	42	819	-55	1886
Nenana Muni AM	69	34	50	-3	0.34	4	5.26	-0.07	35	860	+73	1948
Ftgreely/Allen	66	42	50	-3	0.14	2	6.36	-1.62	35	864	+51	1949
Healy River Air	64	41	48	-5	0.45	5	6.58	-1.45	59	694	+42	1735
Gulkana Arpt A	61	40	51	+0	0.64	7	5.78	+0.08	48	579	+116	1652
Sutton	61	42	51	-2	1.35	7	9.43	+2.34	69	406	-74	1475
Palmer Municipa	66	44	53	-2	0.00	0	1.62	-4.62	18	690	+64	1863
Talkeetna	71	36	53	+0	0.89	6	8.35	-3.31	44	743	+112	1863
Willow Airport	66	39	54	-2	1.10	6	7.37	+1.42	60	927	+295	2111
Anchorage Intl	65	45	54	+0	1.20	6	4.70	-1.59	38	623	-7	1754
Kenai Municipal	68	35	55	+3	1.00	6	5.08	-1.23	36	469	+107	1566
Homer	64	45	53	+1	0.65	7	4.22	-1.44	40	252	-65	1233
Kodiak	62	39	53	-2	2.72	5	22.13	+2.04	57	320	-26	1312

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