

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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P.O. Box 799
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GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 100% adequate. **Subsoil moisture** supplies were listed as 25% short, 75% adequate. **Barley** was reported as 70% harvested. **Oats** were 85% 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 15% harvested. Condition of the potato crop was 15% fair, 55% good, 30% excellent. **Second cutting of hay** was 65% 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, 30% fair, 35% good, 15% excellent. **Wind or rain damage** was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, barley and vegetables, baling straw, machinery maintenance.

CROP WEATHER SUMMARY August 31 - September 06, 2009		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	25%
ADEQUATE	100%	75%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/31 - 09/06 MAT AES SITE: 0.438		

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 35% short, 65% adequate. **Barley** was reported as 70% harvested. **Oats** were 90% 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 70% 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. No **wind or rain damage** was reported. **Farm activities** for the week included harvesting barley, hay, haylage and baling straw.

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 15% short, 85% adequate. **Potatoes** were reported as 15% harvested. **Second cutting of hay** was 50% complete. **Condition of the hay crop** was listed at 10% poor, 40% fair, 50% good. **Range and pasture** condition was reported as 20% poor, 30% fair, 40% good, 10% excellent. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week included harvesting hay, potatoes and vegetables, winterizing equipment.

KENAI PENINSULA: An average of **6.0 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 30% poor, 20% fair, 30% good, 20% excellent. No **wind or rain damage** was reported. **Farm activities** for the week were harvesting hay and vegetables, winterizing equipment.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	54	55	60	52	55	57	66	38	0.10
Sawmill Creek	48	45	na	na	na	na	70	29	0.60
Plant Materials Center	na	51	55	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 31, 2009
 To: Sunday September 6, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - September 6, 09					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	74	41	56	+6	0.88	3	4.49	-1.25	33	1118	+183	2321
Fairbanks/Eiels	72	33	52	+2	1.26	3	7.69	+0.42	45	841	-49	1975
Nenana_Muni_AM	73	38	54	+5	0.83	3	6.09	+0.46	38	891	+92	2049
Ftgreely/Allen	68	37	52	+2	0.41	2	6.77	-1.53	37	883	+50	2033
Healy_River_Air	66	41	51	+2	0.81	3	7.39	-1.07	62	710	+46	1816
Gulkana_Arpt_A	68	31	51	+4	0.00	0	5.78	-0.27	48	593	+117	1731
Sutton	61	37	51	+2	0.24	3	9.67	+1.85	72	418	-78	1556
Palmer_Municipa	65	40	54	+2	0.00	0	1.62	-5.22	18	719	+70	1962
Talkeetna	77	38	53	+3	0.49	2	8.84	-3.91	46	763	+115	1953
Willow_Airport	64	39	54	+2	0.19	3	7.56	+0.98	63	957	+307	2211
Anchorage_Intl	66	42	55	+3	0.03	2	4.73	-2.26	40	659	+5	1860
Kenai_Municipal	70	36	54	+4	0.29	3	5.37	-1.69	39	500	+121	1667
Homer	63	41	52	+1	0.81	3	5.03	-1.36	43	265	-70	1316
Kodiak	66	43	53	+0	1.26	3	23.39	+1.78	60	340	-27	1402

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