

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 10% short, 90% adequate. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was reported as 85% harvested. **Oats** were reported as 40% harvested. **Potato** harvest was reported as 65% complete. Second cutting **hay** harvest was 90% complete. **Condition of pasture** was listed as 5% very poor, 15% poor, 40% fair, 40% good. **Winter supplies of hay** were listed as 20% short, 75% adequate, 5% surplus. No **wind and rain damage** to crops was reported. The main **farm activities** for the week were harvesting hay, barley, oats, potatoes and vegetables; baling straw; fall tillage, equipment maintenance.

CROP WEATHER SUMMARY September 19 – September 25, 2011		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	10%	5%
ADEQUATE	90%	95%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/19 - 09/25 MAT AES SITE: -0.006		

TANANA VALLEY: An average of **6.0 day was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported at 100% adequate. **Barley** was 85% harvested. **Oats** were 40% harvested. **Potato** harvest was 40% complete. Second cutting **hay** harvest was 95% complete. **Condition of pasture** was listed as 10% very poor, 30% poor, 40% fair, 20% good. **Winter supplies of hay** were listed as 10% short, 80% adequate, 10% surplus. **Farm activities** for the week included harvesting hay, barley, oats, potatoes and vegetables; baling straw; drying grain; disking stubble.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture supplies** were 20% short, 80% adequate. **Potato** harvest was 80% complete. Second cutting **hay** harvest was 85% complete. **Condition of pasture** was listed as 5% poor, 45% fair, 50% good. **Winter supplies of hay** were listed as 20% short, 80% adequate. **Farm activities** for the week included harvesting hay, grain, potatoes and vegetables; fall tillage, equipment maintenance and repair.

KENAI PENINSULA: There were **4.0 days was suitable for fieldwork last week**. **Topsoil and subsoil moisture** were both reported at 100% adequate. Second cutting **hay** harvest was 90% complete. **Condition of pasture** was listed as 20% fair, 80% good. Major **farm activities** for the week included harvesting hay, equipment repair.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>High</u>	<u>Low</u>	
UAF-AFES, Trunk Road	48	47	46	47	41	42	57	31	0.37
Sawmill Creek	43	36	36	na	na	na	63	22	0.22
Plant Materials Center	42	39	43	40	na	na	58	31	0.39

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 19, 2011
 To: Sunday September 25, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - September 25, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	68	35	49	+9	0.04	2	5.64	-0.80	55	1131	+189	2464
Fairbanks/Eiels	67	30	47	+6	0.11	2	6.69	-1.40	58	828	-69	2099
Nenana_Muni_AM	66	32	46	+7	0.22	3	6.13	-0.01	55	876	+72	2172
Ftgreely/Allen	62	33	48	+7	0.12	2	6.83	-2.09	61	780	-79	2070
Healy_River_Air	62	34	46	+6	0.09	2	4.11	-5.33	73	584	-86	1846
Gulkana_Arpt_A	60	24	43	+3	0.01	1	6.29	-0.70	63	524	+39	1693
Sutton	55	28	45	+2	1.12	7	10.52	+0.67	94	331	-181	1555
Palmer_Municipa	57	37	48	+3	0.26	2	2.64	-5.87	31	631	-46	1991
Talkeetna	62	34	49	+6	0.66	4	14.17	-1.35	68	643	-19	1952
Willow_Airport	55	36	47	+2	0.93	7	10.10	+1.79	83	752	+95	2098
Anchorage_Intl	57	40	48	+3	0.17	3	7.83	-0.98	56	621	-63	1987
Kenai_Municipal	57	33	46	+2	0.47	6	9.57	+0.40	73	307	-93	1611
Homer	54	31	45	-2	0.93	4	7.71	-0.88	68	151	-210	1245
Kodiak	57	41	48	+1	2.25	6	34.46	+7.78	90	353	-38	1596

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