

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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GENERAL: There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were also listed as 5% short, 95% adequate. **Barley** was reported as 20% harvested. **Oats** were reported as 30% ripe. **Potato** harvest was reported as 10% complete. **Condition of the potato crop** was listed as 10% poor, 35% fair, 50% good, 5% excellent. First cutting **hay** harvest was 99% complete; second cutting was 60% complete. **Condition of pasture** was listed as 10% poor, 35% fair, 55% good. **Winter supplies of hay** were listed as 20% short, 65% adequate, 5% surplus. **Wind and rain damage** to crops was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, barley, potatoes and vegetables, baling straw, weed control, equipment repair.

CROP WEATHER SUMMARY September 5 – September 11, 2011		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	5%
ADEQUATE	95%	95%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/05 - 09/11 MAT AES SITE: na		

TANANA VALLEY: An average of **7.0 day was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported at 100% adequate. **Barley** was 20% harvested. **Oats** were 30% ripe. **Potato** harvest was just underway. **Condition of the potato crop** was listed as 20% poor, 50% fair, 30% good. Second cutting **hay** harvest was 70% complete. **Condition of pasture** was listed as 20% poor, 40% fair, 40% good. **Farm activities** for the week included harvesting hay, grain, potatoes and vegetables, baling straw, drying grain.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 15% short, 85% adequate. **Subsoil moisture supplies** were 10% short, 90% adequate. **Potato** harvest was 15% complete. **Condition of the potato crop** was listed as 30% fair, 60% good, 10% excellent. Second cutting **hay** harvest was 30% complete. **Condition of pasture** was listed as 5% poor, 35% fair, 60% good. **Farm activities** for the week included harvesting hay, grain, potatoes and vegetables, weed control, equipment maintenance and repair.

KENAI PENINSULA: There were **2.0 days was suitable for fieldwork last week**. **Topsoil and subsoil moisture** were both reported at 90% adequate, 10% surplus. Second cutting **hay** harvest was 75% complete. **Condition of pasture** was listed as 5% fair, 90% good, 5% excellent. 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	na	55	54	na	44	56	na	na	na
Sawmill Creek	47	49	46	na	na	na	67	25	0.05
Plant Materials Center	48	48	50	46	na	na	63	33	0.00

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 5, 2011
 To: Sunday September 11, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - September 11, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	72	37	52	+4	0.46	3	5.46	-0.48	50	1107	+167	2318
Fairbanks/Eiels	69	31	49	+0	0.64	3	6.45	-1.07	54	815	-80	1987
Nenana_Muni_AM	68	36	51	+4	0.46	2	5.90	+0.11	51	857	+53	2048
Ftgreely/Allen	64	39	52	+4	0.00	0	6.64	-1.86	56	758	-85	1941
Healy_River_Air	62	34	49	+0	0.18	2	3.96	-4.78	68	574	-95	1738
Gulkana_Arpt_A	61	26	46	+0	0.01	1	6.06	-0.24	60	518	+37	1623
Sutton	57	38	48	-1	1.30	6	8.55	+0.18	81	328	-176	1471
Palmer_Municipa	63	41	51	+0	0.00	0	2.34	-4.95	28	621	-39	1860
Talkeetna	64	32	51	+3	0.05	3	13.27	-0.23	60	637	-19	1825
Willow_Airport	61	36	51	-1	0.96	5	8.45	+1.40	70	743	+87	1973
Anchorage_Intl	60	45	52	+2	0.08	2	7.50	+0.01	52	603	-63	1842
Kenai_Municipal	61	39	50	+2	0.38	4	8.68	+1.07	61	300	-88	1501
Homer	60	36	50	-2	0.77	6	6.27	-0.67	57	146	-199	1151
Kodiak	55	45	51	-1	3.42	6	26.24	+3.40	77	347	-30	1468

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