

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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RELEASED: September 19, 2011

GENERAL: There were **5.5 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 50% harvested. **Oats** were reported as 50% ripe. **Potato** harvest was reported as 30% complete. Second cutting **hay** harvest was 80% complete. **Condition of pasture** was listed as 5% very poor, 15% poor, 35% fair, 45% good. **Winter supplies of hay** were listed as 20% short, 70% adequate, 10% 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; equipment repair.

CROP WEATHER SUMMARY September 12 – September 18, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	5%
ADEQUATE	95%	95%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/12 - 09/18 MAT AES SITE: na		

TANANA VALLEY: An average of **5.0 day** was suitable for fieldwork. **Topsoil and subsoil moisture** were both reported at 100% adequate. **Barley** was 50% harvested. **Oats** were 50% ripe. **Potato** harvest was 10% complete. Second cutting **hay** harvest was 90% complete. **Condition of pasture** was listed as 10% very poor, 30% poor, 40% fair, 20% good. **Winter supplies of hay** were listed as 20% short, 70% adequate, 10% surplus. **Farm activities** for the week included harvesting hay, grain, 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 15% short, 85% adequate. **Subsoil moisture supplies** were also 15% short, 85% adequate. **Potato** harvest was 40% complete. Second cutting **hay** harvest was 60% complete. **Condition of pasture** was listed as 5% poor, 35% fair, 60% good. **Winter supplies of hay** were listed as 20% short, 80% adequate. **Farm activities** for the week included harvesting hay, grain, potatoes and vegetables; equipment maintenance and repair.

KENAI PENINSULA: There were **3.0 days** was suitable for fieldwork last week. **Topsoil and subsoil moisture** were both reported at 100% adequate. Second cutting **hay** harvest was 85% 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	na	52	52	na	50	50	na	na	na
Sawmill Creek	43	43	46	na	na	na	71	20	0.34
Plant Materials Center	48	46	na	47	na	na	59	32	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 12, 2011
 To: Sunday September 18, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - September 18, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	72	36	51	+7	0.14	3	5.60	-0.62	53	1120	+178	2399
Fairbanks/Eiels	74	28	48	+3	0.13	2	6.58	-1.23	56	819	-78	2045
Nenana_Muni_AM	69	34	51	+7	0.01	1	5.91	-0.09	52	871	+67	2126
Ftgreely/Allen	71	33	50	+5	0.07	3	6.71	-2.00	59	772	-80	2013
Healy_River_Air	68	33	49	+4	0.06	3	4.02	-5.07	71	581	-89	1800
Gulkana_Arpt_A	67	25	46	+4	0.22	2	6.28	-0.37	62	524	+39	1668
Sutton	59	30	47	+0	0.85	6	9.40	+0.26	87	331	-180	1519
Palmer_Municipa	62	37	50	+2	0.04	1	2.38	-5.54	29	630	-40	1933
Talkeetna	62	32	49	+3	0.24	4	13.51	-1.03	64	640	-22	1887
Willow_Airport	64	39	50	+2	0.72	6	9.17	+1.49	76	752	+95	2046
Anchorage_Intl	65	43	52	+4	0.16	1	7.66	-0.52	53	621	-56	1928
Kenai_Municipal	62	36	49	+2	0.42	6	9.10	+0.70	67	306	-89	1565
Homer	58	34	48	-2	0.51	7	6.78	-1.00	64	151	-203	1206
Kodiak	57	42	50	+1	5.97	7	32.21	+7.50	84	353	-33	1539

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