

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 5% short, 95% adequate. **Subsoil moisture** supplies were listed as 100% adequate. **Barley** was reported as 5% harvested. **Condition of the barley crop** was listed as 5% very poor, 10% poor, 25% fair, 50% good, 10% excellent. **Oats** were reported as 10% ripe. **Condition of the oat crop** was listed as 25% fair, 50% good, 25% excellent. **Condition of the potato crop** was listed as 10% poor, 35% fair, 45% good, 10% excellent. First cutting **hay** harvest was 99% complete; second cutting was 40% complete. **Condition of all hay** was listed as 10% poor, 35% fair, 55% good. **Condition of pasture** was listed as 10% poor, 30% fair, 50% good, 10% excellent. **Wind and rain damage** to crops was 99% none, 1% light. The main **farm activities** for the week were harvesting hay and vegetables, preparing for grain/ potato harvest, equipment repair.

CROP WEATHER SUMMARY August 29 – September 4, 2011		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	0%
ADEQUATE	95%	100%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/29 - 09/04 MAT AES SITE: na		

TANANA VALLEY: An average of **6.0 day was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported at 100% adequate. **Barley** was 5% harvested. Harvest was underway in Fairbanks. **Condition of the barley crop** was listed as 5% very poor, 10% poor, 25% fair, 50% good, 10% excellent. **Oats** were 10% ripe. **Condition of the oat crop** was listed as 30% fair, 40% good, 30% excellent. **Condition of the potato crop** was listed as 20% poor, 50% fair, 30% good. First cutting **hay** harvest was 99% complete; second cutting was 50% complete. **Condition of all hay** was listed as 10% poor, 30% fair, 60% good. **Condition of pasture** was listed as 20% poor, 30% fair, 40% good, 10% excellent. **Farm activities** for the week included harvesting hay and grain, spraying potatoes with fungicides or desiccants, preparing equipment for grain and potato harvest.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture supplies** were 5% short, 95% adequate. **Condition of the potato crop** was listed as 30% fair, 50% good, 20% excellent. Harvest was just underway. First cutting **hay** harvest was 99% complete; second cutting was 15% complete. **Condition of all hay** was listed as 5% poor, 45% fair, 45% good, 5% excellent. **Condition of pasture** was listed as 5% poor, 35% fair, 55% good, 5% excellent. **Farm activities** for the week included harvesting hay, grain, potatoes and vegetables, spraying potatoes, 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 70% complete. **Condition of all hay** was listed as 20% fair, 80% good. **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	58	54	na	55	52	na	na	na
Sawmill Creek	49	49	48	na	na	na	68	28	0.01
Plant Materials Center	48	52	na	50	na	na	60	37	2.18

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 29, 2011
 To: Sunday September 4, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - September 4, 11					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	72	40	55	+4	0.01	1	5.00	-0.66	47	1087	+156	2236
Fairbanks/Eiels	69	33	51	-1	0.03	2	5.81	-1.36	51	808	-78	1923
Nenana_Muni_AM	71	38	53	+4	0.10	3	5.44	-0.11	49	841	+44	1968
Ftgreely/Allen	68	36	51	+1	0.08	2	6.64	-1.58	56	741	-87	1859
Healy_River_Air	69	37	51	+0	0.08	2	3.78	-4.56	66	569	-93	1675
Gulkana_Arpt_A	69	28	47	-2	0.10	2	6.05	+0.10	59	516	+43	1576
Sutton	64	37	49	-3	0.67	5	7.25	-0.35	75	326	-166	1410
Palmer_Municipa	67	42	52	-2	0.03	2	2.34	-4.32	28	613	-30	1783
Talkeetna	68	38	51	-1	0.85	4	13.22	+0.77	57	623	-21	1745
Willow_Airport	66	39	52	-2	0.67	4	7.49	+1.09	65	730	+84	1896
Anchorage_Intl	65	43	53	-1	0.68	4	7.42	+0.63	50	585	-63	1755
Kenai_Municipal	63	34	50	-1	1.10	4	8.30	+1.46	57	290	-85	1426
Homer	61	39	50	-2	0.70	3	5.50	-0.67	51	139	-192	1082
Kodiak	65	42	53	+0	3.33	3	22.82	+1.67	71	338	-23	1389

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