

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 **3.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was reported as 20% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were reported as 10% turning color. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the potato crop** was listed as 20% fair, 60% good, 20% excellent. First cutting **hay** harvest was 95% complete. **Condition of all hay** was listed as 10% poor, 45% fair, 45% good. **Condition of pasture** was listed as 5% poor, 25% fair, 50% good, 20% excellent. **Wind and rain damage** to crops was reported as 95% none, 5% light. The main **farm activities** for the week were harvesting hay, grass seed and vegetables, weed control, preparing for grain harvest, equipment repair.

CROP WEATHER SUMMARY August 8 – August 14, 2011		
DAYS SUITABLE FOR FIELDWORK: 3.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	0%	5%
ADEQUATE	95%	95%
SURPLUS	5%	0%
PAN EVAPORATION FOR 08/08 - 08/14 MAT AES SITE: na		

TANANA VALLEY: An average of **1.0 day** was suitable for fieldwork. **Topsoil moisture** was reported at 90% adequate, 10% surplus. **Subsoil moisture supplies** were 100% adequate. **Barley** was 20% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were 10% turning color. **Condition of the oat crop** was listed as 20% fair, 40% good, 40% excellent. **Condition of the potato crop** was listed as 5% poor, 15% fair, 60% good, 20% excellent. First cutting **hay** harvest was 95% complete. **Condition of all hay** was listed as 10% poor, 55% fair, 35% good. **Farm activities** for the week included harvesting grass seed, CRP maintenance, preparing equipment for grain harvest, mowing.

MATANUSKA VALLEY: An average of **5.0 days** was suitable for fieldwork. **Topsoil moisture** was reported at 5% short, 95% adequate. **Subsoil moisture** was also reported as 10% short, 90% adequate. **Condition of the potato crop** was listed as 20% fair, 60% good, 20% excellent. First cutting **hay** harvest was 95% complete. **Condition of all hay** was listed as 5% poor, 40% fair, 45% good, 5% excellent. **Farm activities** for the week included harvesting hay and vegetables, weed control, equipment maintenance and repair.

KENAI PENINSULA: There were **7.0 days** was suitable for fieldwork last week. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. Second cutting **hay** harvest was underway. **Condition of all hay** was listed as 100% good. Major **farm activities** for the week included harvesting hay, weed control.

Soil Temperatures (F⁰) at 4 inch depth

							<u>Temperature</u>		<u>Precip</u>
	<u>Grass</u>			<u>Fallow land</u>			<u>High</u>	<u>Low</u>	<u>(inches)</u>
	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>			
UAF-AFES, Trunk Road	na	60	59	na	59	57	na	na	na
Sawmill Creek	53	57	51	na	na	na	67	30	1.05
Plant Materials Center	54	55	na	51	na	na	71	38	0.65

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 8, 2011
 To: Sunday August 14, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - August 14, 11					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	70	40	54	-4	0.51	6	4.10	-0.47	40	948	+105	1887
Fairbanks/Eiels	69	37	52	-6	0.83	6	4.54	-1.24	41	724	-75	1634
Nenana_Muni_AM	69	36	51	-7	0.60	6	4.36	-0.05	39	744	+20	1661
Ftgreely/Allen	65	34	49	-8	0.84	6	5.96	-1.04	46	678	-56	1591
Healy_River_Air	66	37	50	-7	0.46	7	3.01	-3.82	55	513	-79	1411
Gulkana_Arpt_A	69	37	53	-3	0.33	2	3.96	-0.83	49	484	+75	1360
Sutton	63	36	50	-6	0.40	4	4.94	-0.74	57	286	-129	1171
Palmer_Municipa	71	40	53	-4	0.37	2	1.39	-3.62	21	528	-16	1489
Talkeetna	72	39	53	-5	1.68	4	9.46	+0.24	42	526	-31	1442
Willow_Airport	69	42	55	-4	0.51	4	5.15	+0.61	49	629	+86	1587
Anchorage_Intl	67	46	55	-3	0.65	4	5.53	+0.84	36	477	-64	1437
Kenai_Municipal	68	36	51	-5	0.17	4	5.54	+0.70	44	234	-68	1162
Homer	69	38	51	-4	0.04	1	3.42	-0.93	41	104	-154	846
Kodiak	69	44	56	+1	0.00	0	12.96	-4.57	56	255	-17	1096

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