

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 **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Barley** was reported as 5% harvested, with harvest underway in Fairbanks. **Condition of the barley crop** was listed as 5% very poor, 10% poor, 25% fair, 50% good, 10% excellent. **Oats** were reported as 40% turning color. **Condition of the oat crop** was listed as 25% fair, 50% good, 25% excellent. **Condition of the potato crop** was listed as 5% poor, 25% fair, 50% good, 20% excellent. First cutting **hay** harvest was 97% complete; second cutting was 15% complete. **Condition of all hay** was listed as 10% poor, 45% fair, 45% good. **Condition of pasture** was listed as 5% poor, 25% fair, 60% good, 10% excellent. No **wind and rain damage** to crops was reported. The main **farm activities** for the week were harvesting hay and vegetables, weed control, preparing for grain harvest, equipment repair.

CROP WEATHER SUMMARY August 22 – August 28, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	0%	0%
ADEQUATE	95%	100%
SURPLUS	5%	0%
PAN EVAPORATION FOR 08/22 - 08/28 MAT AES SITE: na		

TANANA VALLEY: An average of **5.0 day was suitable for fieldwork**. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture supplies** were 100% adequate. **Barley** was 5% harvested. Harvest is underway in Fairbanks with Delta Junction expecting to start next week. **Condition of the barley crop** was listed as 5% very poor, 10% poor, 25% fair, 50% good, 10% excellent. **Oats** were 40% turning color. **Condition of the oat crop** was listed as 30% fair, 40% good, 30% excellent. **Condition of the potato crop** was listed as 10% poor, 40% fair, 50% good. First cutting **hay** harvest was 97% complete; second cutting was 15% complete. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **Farm activities** for the week included harvesting hay and grain, CRP maintenance, preparing equipment for grain harvest.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported at 5% short, 95% adequate. **Condition of the potato crop** was listed as 20% fair, 50% good, 30% excellent. Harvest should start this week. First cutting **hay** harvest was 98% complete; second cutting was just underway. **Condition of all hay** was listed as 5% poor, 45% fair, 45% good, 5% excellent. **Farm activities** for the week included harvesting hay, grain and vegetables, weed control, equipment maintenance and repair.

KENAI PENINSULA: There were **2.0 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. **Condition of pasture** was listed as 100% good. Major **farm activities** for the week included equipment repair, waiting for drier conditions to harvest hay.

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	57	na	54	54	na	na	na
Sawmill Creek	51	52	49	na	na	na	69	28	0.18
Plant Materials Center	50	51	na	48	na	na	na	na	na

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 22, 2011
 To: Sunday August 28, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - August 28, 11					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	71	41	56	+3	0.52	2	4.99	-0.33	46	1053	+140	2132
Fairbanks/Eiels	69	38	54	+1	1.10	4	5.78	-0.98	49	793	-75	1843
Nenana_Muni_AM	70	39	54	+2	0.45	3	5.34	+0.11	46	817	+35	1874
Ftgreely/Allen	66	37	53	-1	0.11	1	6.56	-1.32	54	725	-80	1778
Healy_River_Air	66	39	53	+0	0.31	4	3.70	-4.19	64	559	-88	1597
Gulkana_Arpt_A	65	36	51	-1	0.12	2	5.95	+0.35	57	512	+54	1523
Sutton	61	39	51	-3	0.66	6	6.58	-0.31	70	321	-153	1344
Palmer_Municipa	66	44	54	-1	0.03	1	2.31	-3.77	26	596	-22	1697
Talkeetna	64	40	54	+1	1.08	5	12.37	+1.03	53	610	-15	1666
Willow_Airport	64	46	55	+0	0.71	6	6.82	+1.05	61	713	+89	1811
Anchorage_Intl	63	45	55	+0	0.28	4	6.74	+0.65	46	563	-59	1663
Kenai_Municipal	67	41	52	+0	0.36	5	7.20	+1.09	53	283	-73	1351
Homer	60	43	50	-3	0.56	4	4.80	-0.67	48	130	-181	1009
Kodiak	59	41	52	-3	3.37	6	19.49	-0.22	68	317	-21	1298

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