

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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RELEASED: August 22, 2011

GENERAL: There were **3.5 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% ripe, mostly in the Fairbanks area. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were reported as 25% 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, 55% good, 25% excellent. First cutting **hay** harvest was 95% complete; second cutting was just underway. **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. **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 15 – August 21, 2011		
DAYS SUITABLE FOR FIELDWORK: 3.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	0%	0%
ADEQUATE	95%	100%
SURPLUS	5%	0%
PAN EVAPORATION FOR 08/15 - 08/21 MAT AES SITE: -0.771		

TANANA VALLEY: An average of **2.0 day** was suitable for fieldwork. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture** supplies were 100% adequate. **Barley** was 5% ripe, mostly around Fairbanks. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were 30% 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; second cutting was underway around Fairbanks. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **Farm activities** for the week included combining grass seed, CRP maintenance, preparing equipment for grain harvest.

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 5% short, 95% adequate. **Condition of the potato crop** was listed as 20% fair, 50% good, 30% excellent. First cutting **hay** harvest was 95% complete. **Condition of all hay** was listed as 5% poor, 45% 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 **5.0 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, equipment repair.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	<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	58	60	57	na	55	56	70	44	1.34
Sawmill Creek	54	53	50	na	na	na	66	37	1.48
Plant Materials Center	52	52	na	54	na	na	72	42	0.67

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 15, 2011
 To: Sunday August 21, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - August 21, 11					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	71	46	58	+3	0.37	4	4.47	-0.50	44	1007	+123	2016
Fairbanks/Eiels	71	41	56	+0	0.14	4	4.68	-1.60	45	765	-74	1745
Nenana_Muni_AM	71	43	56	+2	0.53	4	4.89	+0.05	43	786	+28	1773
Ftgreely/Allen	67	42	53	-2	0.49	7	6.45	-1.02	53	703	-71	1686
Healy_River_Air	64	45	54	-1	0.38	5	3.39	-4.00	60	538	-86	1506
Gulkana_Arpt_A	68	37	52	-1	1.87	6	5.83	+0.62	55	501	+64	1446
Sutton	66	44	53	-2	0.98	7	5.92	-0.34	64	311	-137	1266
Palmer_Municipa	69	46	56	+0	0.89	4	2.28	-3.24	25	569	-16	1600
Talkeetna	74	43	57	+3	1.83	6	11.29	+1.02	48	578	-17	1564
Willow_Airport	70	46	56	-1	0.96	6	6.11	+0.97	55	675	+86	1703
Anchorage_Intl	67	48	57	+1	0.93	6	6.46	+1.07	42	529	-56	1559
Kenai_Municipal	68	41	54	+0	1.30	4	6.84	+1.39	48	265	-66	1263
Homer	65	40	53	-2	0.82	3	4.24	-0.63	44	123	-163	935
Kodiak	73	48	57	+3	3.16	6	16.12	-2.41	62	305	-2	1216

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