

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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GENERAL: There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 100% adequate. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Barley** was reported as 15% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were reported as 5% turning color. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% 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, 45% fair, 45% good. **Condition of pasture** was listed as 5% poor, 30% fair, 45% good, 20% excellent.

CROP WEATHER SUMMARY August 1 – August 7, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	0%	5%
ADEQUATE	100%	95%
SURPLUS	0%	0%
PAN EVAPORATION FOR 08/01 - 08/07 MAT AES SITE: -0.471		

Wind and rain damage to crops was reported as 95% none, 5% light. The main **farm activities** for the week were harvesting hay, weed control, preparing for grain harvest, equipment repair.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. A light frost was reported around Delta Junction Sunday evening. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture supplies** were also 100% adequate. **Barley** was 15% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were 5% turning color. **Condition of the oat crop** was listed as 20% fair, 40% good, 40% excellent. **Condition of the potato crop** was listed as 10% poor, 10% fair, 60% good, 20% excellent. First cutting **hay** harvest was 95% complete. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **Farm activities** for the week included harvesting hay, CRP maintenance, preparing equipment for grain harvest, fence repair.

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 90% complete. **Condition of all hay** was listed as 5% poor, 45% fair, 45% good, 5% excellent. **Farm activities** for the week included harvesting hay, 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. First cutting **hay** harvest was 100% complete. Major **farm activities** for the week included harvesting hay, weed control.

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	57	61	60	55	59	54	66	43	1.17
Sawmill Creek	51	56	53	na	na	na	75	39	0.00
Plant Materials Center	52	54	na	50	na	na	67	39	0.70

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 1, 2011
 To: Sunday August 7, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - August 7, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	76	44	59	-1	0.05	2	3.59	-0.56	34	914	+123	1784
Fairbanks/Eiels	75	36	56	-4	0.07	3	3.71	-1.51	35	705	-42	1547
Nenana_Muni_AM	73	41	57	-2	0.15	4	3.76	-0.16	33	727	+49	1581
Ftgreely/Allen	70	45	58	-2	0.00	0	5.12	-1.36	40	673	-12	1524
Healy_River_Air	64	42	54	-4	0.35	7	2.55	-3.72	48	502	-50	1337
Gulkana_Arpt_A	66	42	55	-2	0.22	5	3.63	-0.74	47	464	+90	1271
Sutton	63	39	53	-4	1.40	7	4.54	-0.58	53	276	-101	1097
Palmer_Municipa	69	44	57	-2	0.02	1	1.02	-3.50	19	503	+6	1394
Talkeetna	61	45	54	-4	3.50	7	7.78	-0.44	38	502	-9	1348
Willow_Airport	64	46	56	-3	1.48	7	4.64	+0.66	45	594	+106	1482
Anchorage_Intl	64	47	56	-2	1.61	7	4.88	+0.84	32	440	-50	1330
Kenai_Municipal	63	42	53	-3	2.04	7	5.37	+1.09	40	225	-42	1085
Homer	62	37	52	-4	1.21	7	3.38	-0.52	40	91	-136	767
Kodiak	61	39	53	-3	0.93	5	12.96	-3.69	56	209	-21	981

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