

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 **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were listed as 25% short, 75% adequate. **Crop growth** was reported as 75% moderate, 25% rapid. **Barley** was reported as 80% headed. **Condition of the barley crop** was listed as 5% very poor, 20% poor, 35% fair, 40% good. **Oats** were reported as 50% headed. **Condition of the oat crop** was listed as 15% poor, 35% fair, 50% good. **Potatoes** were reported as 100% emerged. **Condition of the potato crop** was listed as 5% poor, 20% fair, 65% good, 10% excellent. **Hay** harvest was 30% complete. **Condition of all hay** was listed as 5% very poor, 10% poor, 45% fair, 40% good. The main **farm activities** for the week were weed control, harvesting hay, CRP maintenance, equipment repair.

CROP WEATHER SUMMARY July 4 - July 10, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	10%	25%
ADEQUATE	90%	75%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/04 - 07/10 MAT AES SITE: 1.224		

TANANA VALLEY: An average of **4.0 day** was suitable for fieldwork. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture supplies** were 15% short, 85% adequate. **Crop growth** was reported as 70% moderate, 30% rapid. **Barley** was 80% headed. **Condition of the barley crop** was listed as 5% very poor, 20% poor, 35% fair, 40% good. **Oats** were 60% headed. **Condition of the oat crop** was listed as 20% poor, 40% fair, 40% good. **Potatoes** were reported as 100% emerged. **Hay** harvest was 30% complete. **Condition of all hay** was listed as 5% very poor, 10% poor, 50% fair, 35% good. **Farm activities** for the week included CRP maintenance, harvesting hay, weed control, seeding pasture and hay ground.

MATANUSKA VALLEY: An average of **7.0 days** was suitable for fieldwork. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture** was reported as 45% short, 55% adequate. **Crop growth** was reported as 85% moderate, 15% rapid. **Potatoes** were reported as 100% emerged. **Condition of all hay** was listed as 20% poor, 50% fair, 30% good. **Farm activities** for the week included irrigating, weed control, harvesting hay.

KENAI PENINSULA: There were **7.0 days** was suitable for fieldwork last week. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture** was also reported as 10% short, 90% adequate. **Crop growth** was reported as 100% moderate. **Condition of all hay** was listed as 100% good. Major **farm activities** for the week included weed control, preparing for hay harvest.

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	60	59	62	62	59	64	70	48	0.01
Sawmill Creek	50	55	55	na	na	na	76	41	0.58
Plant Materials Center	57	40	57	60	na	na	71	49	0.02

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 July 4, 2011
 To: Sunday July 10, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - July 10, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	80	49	63	+0	0.65	4	2.66	+0.16	23	616	+147	1206
Fairbanks/Eiels	77	49	61	-2	0.41	4	2.79	-0.31	24	476	+37	1041
Nenana_Muni_AM	80	46	62	+0	0.77	2	2.55	+0.53	19	495	+101	1070
Ftgreely/Allen	73	48	60	-2	0.26	2	2.85	-1.20	30	440	+39	1014
Healy_River_Air	74	45	58	-3	0.27	3	1.43	-2.50	28	326	+23	882
Gulkana_Arpt_A	73	43	56	-2	0.06	4	1.73	-0.98	31	274	+91	803
Sutton	66	46	55	-3	0.07	2	1.93	-1.05	32	142	-45	683
Palmer_Municipa	70	50	59	+1	0.15	2	0.62	-1.95	13	284	+9	895
Talkeetna	72	42	57	-3	0.09	2	1.53	-3.44	23	299	+30	865
Willow_Airport	70	51	59	+2	0.06	2	1.85	-0.30	26	341	+103	949
Anchorage_Intl	67	47	57	-2	0.00	0	1.91	-0.28	16	218	-34	828
Kenai_Municipal	67	38	52	-3	0.00	0	2.22	-0.30	23	105	-16	686
Homer	61	39	50	-3	0.00	0	1.53	-0.90	24	21	-75	433
Kodiak	63	45	53	+0	0.22	3	10.74	-2.41	43	51	-41	545

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