

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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

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**RELEASED:** June 6, 2011

**GENERAL:** There were **7.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% very short, 50% short, 40% adequate. **Subsoil moisture** supplies were listed as 40% short, 60% adequate. **Crop growth** was reported as 15% slow, 75% moderate, 10% rapid. **Barley** was reported as 100% planted; 90% emerged. **Condition of the barley crop** was listed as 60% fair, 40% good. **Oats** were 90% planted; 50% emerged. **Potatoes** were reported as 90% planted. **Condition of all hay** was listed as 5% very poor, 10% poor, 50% fair, 35% good. The main **farm activities** for the week were seeding barley and oats, planting potatoes and vegetables, irrigating, cultivating, equipment maintenance.

CROP WEATHER SUMMARY May 30 - June 5, 2011		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	10%	0%
SHORT	50%	40%
ADEQUATE	40%	60%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/30 - 06/5 MAT AES SITE: 0.909		

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% very short, 65% short, 30% adequate. **Subsoil moisture supplies** were 40% short, 60% adequate. **Crop growth** was reported as 20% short, 70% moderate, 10% rapid. **Barley** was 100% planted; 90% emerged. **Oats** were 90% planted; 60% emerged. **Potatoes** were reported as 75% planted. **Condition of all hay** was listed as 5% very poor, 10% poor, 50% fair, 35% good. **Farm activities** for the week included planting potatoes, seeding small grains, irrigating, equipment preparation.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% very short, 40% short, 55% adequate. **Subsoil moisture** was reported as 40% short, 60% adequate. **Crop growth** was reported as 10% slow, 85% moderate, 5% rapid. **Potato** planting was 95% complete. Small grain planting continued. **Condition of all hay** was listed as 10% poor, 60% fair, 30% good. **Farm activities** for the week included planting potatoes, small grains and vegetables, irrigating, weed control.

**KENAI PENINSULA:** There were **6.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 70% very short, 20% short, 10% adequate. **Subsoil moisture** was reported at 60% short, 40% adequate. Major **farm activities** for the week included planting potatoes and vegetables, equipment and field maintenance.

## Soil Temperatures ( F<sup>0</sup> ) 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	50	56	54	52	56	59	73	40
Sawmill Creek	38	45	45	na	na	na	81	38	0.14
Plant Materials Center	48	na	na	51	na	na	65	39	0.10

**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 May 30, 2011  
 To: Sunday June 5, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - June 5, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	81	43	63	+7	0.02	1	0.06	-0.74	3	241	+161	481
Fairbanks/Eiels	81	41	61	+6	0.06	2	0.07	-0.83	3	183	+107	401
Nenana_Muni_AM	81	40	61	+6	0.17	2	0.25	-0.19	5	173	+113	398
Ftgreely/Allen	78	48	61	+7	0.04	2	0.15	-0.91	7	181	+90	408
Healy_River_Air	74	41	57	+5	0.09	3	0.11	-0.91	4	110	+72	316
Gulkana_Arpt_A	78	41	58	+9	0.03	2	0.34	-0.45	13	94	+71	279
Sutton	68	37	50	+0	0.21	3	1.02	+0.00	13	28	+2	230
Palmer_Municipa	74	44	55	+3	0.00	0	0.04	-0.77	3	74	+22	335
Talkeetna	75	43	54	+3	0.38	3	0.68	-1.31	10	72	+39	289
Willow_Airport	72	46	56	+5	0.21	3	1.01	+0.26	11	96	+71	354
Anchorage_Intl	66	43	52	+1	0.15	2	0.40	-0.45	6	41	+0	301
Kenai_Municipal	62	37	51	+4	0.40	4	0.88	-0.22	10	30	+15	271
Homer	56	37	46	-2	0.10	3	0.56	-0.66	10	2	-10	125
Kodiak	62	40	49	+3	0.69	4	7.52	+0.22	23	2	-13	180

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