

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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

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**RELEASED:** June 27, 2011

**GENERAL:** There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 25% short, 75% adequate. **Subsoil moisture** supplies were listed as 40% short, 60% adequate. **Crop growth** was reported as 15% slow, 70% moderate, 15% rapid. **Barley** was reported as 30% in boot. **Condition of the barley crop** was listed as 5% very poor, 20% poor, 45% fair, 30% good. **Oats** were reported as 100% pre-boot. **Condition of the oat crop** was listed as 10% very poor, 15% poor, 45% fair, 30% good. **Potatoes** were reported as 75% emerged. **Condition of all hay** was listed as 5% very poor, 10% poor, 50% fair, 35% good. Hay harvest was just getting underway. No **wind or rain damage** to crops was reported. The main **farm activities** for the week were weed control, cutting hay, planting grass seed crop, irrigating.

CROP WEATHER SUMMARY June 20 - June 26, 2011		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	25%	40%
ADEQUATE	75%	60%
SURPLUS	0%	0%
PAN EVAPORATION FOR 06/20 - 06/26 MAT AES SITE: 0.891		

**TANANA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 25% short, 75% adequate. **Subsoil moisture supplies** were 40% short, 60% adequate. **Crop growth** was reported as 20% slow, 60% moderate, 20% rapid. **Barley** was 30% in boot. **Condition of the barley crop** was listed as 5% very poor, 20% poor, 45% fair, 30% good. **Oats** were 100% pre-boot. **Condition of the oat crop** was listed as 10% very poor, 20% poor, 50% fair, 20% good. **Potatoes** were reported as 50% emerged. **Condition of all hay** was listed as 10% very poor, 15% poor, 50% fair, 25% good. No **wind or rain damage** to crops was reported. **Farm activities** for the week included spraying for weed control, seeding grass seed crops, cutting hay, preparing for hay harvest.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Crop growth** was reported as 5% slow, 85% moderate, 10% rapid. **Potatoes** were reported as 90% emerged. **Condition of all hay** was listed as 10% poor, 60% fair, 30% good. No **wind or rain damage** to crops was reported. **Farm activities** for the week included irrigating, weed control, cutting hay, preparing for hay harvest.

**KENAI PENINSULA:** There were **7.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture** was reported as 40% short, 60% adequate. **Crop growth** was reported as 100% moderate. **Condition of all hay** was listed as 100% fair. No **wind or rain damage** to crops was reported. Major **farm activities** for the week included weed control, preparing for hay harvest.

## Soil Temperatures ( F<sup>0</sup> ) 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	59	58	58	60	56	58	73	47	0.24
Sawmill Creek	50	52	46	na	na	na	84	39	1.16
Plant Materials Center	52	58	53	55	na	na	75	42	0.05

**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 June 20, 2011  
 To: Sunday June 26, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - June 26, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	88	47	64	+3	0.25	2	0.99	-0.81	12	452	+162	902
Fairbanks/Eiels	87	42	61	+1	0.27	5	1.33	-0.79	13	334	+64	759
Nenana_Muni_AM	85	44	61	+2	0.42	3	1.28	+0.03	13	351	+115	786
Ftgreely/Allen	83	41	59	-2	0.79	7	1.31	-1.48	22	317	+65	751
Healy_River_Air	75	47	58	+1	0.26	6	0.73	-1.94	18	224	+52	640
Gulkana_Arpt_A	78	41	58	+4	0.13	2	1.06	-0.83	21	186	+91	575
Sutton	68	45	54	-2	0.17	5	1.56	-0.51	24	74	-30	475
Palmer_Municipa	73	46	56	+0	0.17	3	0.31	-1.43	9	171	+4	642
Talkeetna	78	48	58	+2	0.37	3	1.18	-2.51	18	187	+37	613
Willow_Airport	70	49	57	+2	0.16	4	1.51	+0.02	20	217	+88	685
Anchorage_Intl	68	45	55	-2	0.06	3	1.38	-0.22	14	115	-31	585
Kenai_Municipal	66	38	52	+0	0.25	4	1.77	-0.11	20	72	+11	513
Homer	58	39	49	-3	0.20	2	1.14	-0.73	19	7	-41	289
Kodiak	58	44	51	+1	0.05	2	10.16	-0.89	38	13	-34	367

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