

# ALASKA CROP-WEATHER



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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Alaska Cooperative Extension  
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**GENERAL:** There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were also listed as 5% short, 95% adequate. **Barley** was reported as 5% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were reported as 40% in dough. **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 90% complete. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **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, fertilizing hay and pasture ground, equipment repair.

**TANANA VALLEY:** An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture supplies** were 100% adequate. **Barley** was 5% turning color. **Condition of the barley crop** was listed as 10% poor, 20% fair, 50% good, 20% excellent. **Oats** were 50% in dough. **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 90% complete. **Condition of all hay** was listed as 10% poor, 50% fair, 40% good. **Farm activities** for the week included harvesting hay, fertilizing hay and pasture ground, equipment repair.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 90% 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. **Hay** harvest was 85% complete. **Condition of all hay** was listed as 5% poor, 60% fair, 35% good. **Farm activities** for the week included harvesting hay, weed control, fertilizing hay, equipment maintenance and repair.

**KENAI PENINSULA:** There were **6.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Hay** harvest was 85% complete. **Condition of all hay** was listed as 100% good. Major **farm activities** for the week included harvesting hay, weed control.

CROP WEATHER SUMMARY July 25 - July 31, 2011		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	5%
ADEQUATE	95%	95%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/25 - 07/31 MAT AES SITE: 0.412		

## 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	61	63	59	59	61	56	71	44	0.25
Sawmill Creek	55	55	54	na	na	na	72	40	1.59
Plant Materials Center	58	na	53	57	na	na	70	42	0.36

**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 25, 2011  
 To: Sunday July 31, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - July 31, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	73	50	61	-1	0.40	5	3.54	-0.19	32	849	+124	1649
Fairbanks/Eiels	71	47	58	-3	0.60	4	3.64	-1.02	32	659	-24	1434
Nenana_Muni_AM	71	42	58	-3	0.84	5	3.61	+0.18	29	674	+53	1459
Ftgreely/Allen	70	49	58	-3	1.58	5	5.12	-0.80	40	619	-6	1400
Healy_River_Air	68	47	57	-3	0.43	6	2.20	-3.49	41	474	-26	1240
Gulkana_Arpt_A	71	37	55	-2	0.57	4	3.41	-0.54	42	428	+96	1165
Sutton	66	39	54	-3	0.47	5	3.14	-1.42	46	255	-79	1006
Palmer_Municipa	70	44	58	-1	0.02	1	1.00	-3.03	18	456	+11	1277
Talkeetna	73	41	57	-2	0.76	2	4.28	-3.01	31	470	+13	1246
Willow_Airport	70	46	58	-2	0.42	3	3.16	-0.29	38	548	+121	1366
Anchorage_Intl	69	48	58	-2	0.42	2	3.27	-0.19	25	394	-40	1214
Kenai_Municipal	68	37	54	-2	0.28	4	3.33	-0.46	33	201	-31	992
Homer	62	40	51	-5	0.13	3	2.17	-1.31	33	71	-121	684
Kodiak	71	45	56	+1	0.65	4	12.03	-3.78	51	181	-9	885

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