

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

USDA, NASS, Alaska Field Office  
P.O. Box 799  
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**RELEASED:** September 20, 2010

**GENERAL:** There were **7.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were 20% short, 80% adequate. **Barley** was reported as 80% harvested. **Oats** were 50% harvested. **Potato** harvest was 40% complete. **Second cutting hay** was 70% complete. **Winter supplies of hay** were listed as 15% short, 70% adequate, 15% surplus. **Range and pasture condition** was 5% poor, 40% fair, 45% good, 10% excellent. No **wind and rain damage to crops** was reported. The main **farm activities** for the week were hay, small grain, potato, and vegetable harvest, weed control, winterizing equipment.

CROP WEATHER SUMMARY September 13– September 19, 2010		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	20%
ADEQUATE	95%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 9/13 - 09/19* MAT AES SITE: 0.440		

**TANANA VALLEY:** An average of **7.0 days** was suitable for fieldwork. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was 20% short, 80% adequate. **Barley** was reported as 80% harvested. **Oats** were 55% harvested. **Potato** harvest was 15% complete. **Second cutting hay** was 75% complete. **Wind and rain damage to crops** was 100% none. **Winter supplies of hay** were listed as 75% adequate, 25% surplus. **Range and pasture condition** was 10% poor, 60% fair, 30% good. **Farm activities** for the week included harvesting potatoes, small grains, and canola; baling hay and straw.

**MATANUSKA VALLEY:** An average of **7.0 days** was suitable for fieldwork. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was 15% short, 85% adequate. **Potato** harvest was 60% complete. **Second cutting hay** was 60% complete. No **wind and rain damage to crops** was reported. **Winter supplies of hay** were listed as 35% short, 65% adequate. **Range and pasture condition** was 5% poor, 20% fair, 65% good, 10% excellent. **Farm activities** for the week included harvesting hay, vegetables and potatoes; winterizing equipment and weed control.

**KENAI PENINSULA:** There were **7.0 days** suitable for fieldwork last week. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was 100% adequate. **Potato** harvest was 40% complete. **Second cutting hay** was 80% complete. No **wind and rain damage to crops** was reported. **Winter supplies of hay** were listed as 20% short, 80% adequate. **Range and pasture condition** was 10% poor, 15% fair, 35% good, 40% excellent. **Farm activities** for the week included harvesting hay and potatoes, winterizing equipment.

## Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2010	2009	2008	2010	2009	2008	High	Low	
UAF-AFES, Trunk Road	52	52	50	50	50	47	67	31	0.00
Sawmill Creek	43	46	na	na	na	na	69	24	0.00
Plant Materials Center	46	na	46	na	na	na	68	30	0.01

**\*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 September 13, 2010  
To: Sunday September 19, 2010

STATION	LAST WEEK WEATHER SUMMARY						May 1, 10 - September 19, 10 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
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Fairbanks Intl	70	35	52	+7	0.00	0	7.56	+1.30	54	1211	+269	2563
*Fairbanks/Eiels	69	28	48	+3	0.00	0	8.01	+0.16	50	959	+62	2248
Nenana Muni AM	69	28	49	+6	0.00	0	10.36	+4.34	58	1029	+225	2355
Ftgreely/Allen	66	32	49	+6	0.00	0	9.15	+0.41	64	945	+92	2246
Healy River Air	70	27	48	+4	0.00	0	6.66	-2.48	78	828	+158	2121
Gulkana Arpt A	70	26	47	+5	0.00	0	6.07	-0.63	64	489	+4	1710
Sutton	68	30	48	+2	0.00	0	8.07	-1.18	93	381	-131	1631
Palmer Municipa	66	36	50	+3	0.05	5	8.39	+0.38	74	668	-3	2009
Talkeetna	74	35	51	+6	0.00	0	13.34	-1.34	78	683	+21	1984
Willow Airport	64	37	49	+1	0.00	0	8.42	+0.65	84	771	+114	2125
Anchorage Intl	67	42	50	+2	0.00	0	7.82	-0.45	56	651	-27	1950
Kenai Municipal	72	36	53	+7	0.08	6	8.20	-0.31	79	642	+246	1951
Homer	63	36	47	-2	0.00	0	7.69	-0.21	61	178	-177	1285
Kodiak	63	37	49	-1	0.00	0	21.79	-3.20	88	336	-51	1506

\*Precipitation data was corrected for this station for the May - September averages.

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