

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** September 27, 2010

**GENERAL:** There were **6.5 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 100% harvested. **Oats** were 95% harvested. **Potato** harvest was 95% complete. **Second cutting hay** was 95% complete. **Winter supplies of hay** were listed as 15% short, 65% adequate, 20% surplus. **Range and pasture condition** was 15% poor, 35% fair, 40% good, 10% excellent. **Wind and rain damage to crops** was reported as 95% none, 5% light. The main **farm activities** for the week were the harvest of small grain, potatoes, and hay; winterizing equipment.

CROP WEATHER SUMMARY September 20– September 26, 2010		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	5%	20%
ADEQUATE	95%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 9/20 - 09/26* MAT AES SITE: 0.782		

**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 100% harvested. **Oats** were also 100% harvested. **Potato** harvest was nearing completion. **Second cutting hay** was 95% complete. No **wind and rain damage to crops** was reported. **Winter supplies of hay** were listed as 60% adequate, 40% surplus. **Range and pasture condition** was 30% poor, 60% fair, 10% good. **Farm activities** for the week included harvesting potatoes, small grains and canola; baling hay and straw.

**MATANUSKA VALLEY:** An average of **6.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% very short, 15% short, 80% adequate. **Subsoil moisture** was 15% short, 85% adequate. **Potato** harvest was nearing completion. **Second cutting hay** was 90% complete. **Wind and rain damage to crops** was reported as 90% none, 10% light. **Winter supplies of hay** were listed as 35% short, 65% adequate. **Range and pasture condition** was 5% poor, 15% fair, 70% good, 10% excellent. **Farm activities** for the week included harvesting hay, vegetables and potatoes; winterizing equipment.

**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 nearing completion. **Second cutting hay** was 90% 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</u> <u>(inches)</u>
	2010	2009	2008	2010	2009	2008	High	Low	
UAF-AFES, Trunk Road	47	46	46	41	42	41	64	27	0.00
Sawmill Creek	36	36	38	na	na	na	62	10	0.00
Plant Materials Center	39	43	43	na	na	na	59	26	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 September 20, 2010  
To: Sunday September 26, 2010**

STATION	LAST WEEK WEATHER SUMMARY						May 1, 10 - September 26, 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	65	23	42	+2	0.00	0	7.56	+1.09	54	1212	+271	2593
Fairbanks/Eiels	66	13	39	-3	0.00	0	8.01	-0.12	50	959	+62	2263
Nenana Muni AM	65	26	41	+3	0.00	0	10.36	+4.20	58	1029	+226	2376
Ftgreely/Allen	62	19	38	-3	0.00	0	9.15	+0.20	64	945	+86	2264
Healy River Air	64	10	36	-5	0.00	0	6.66	-2.83	78	828	+158	2140
Gulkana Arpt A	62	12	37	-4	0.00	0	6.07	-0.96	64	489	+4	1715
Sutton	61	30	45	+2	0.00	0	8.07	-1.87	93	381	-131	1665
Palmer Municipa	64	33	47	+3	0.00	0	8.39	-0.20	74	668	-9	2061
Talkeetna	68	31	46	+4	0.00	0	13.34	-2.31	78	683	+21	2028
Willow Airport	63	25	46	+1	0.00	0	8.42	+0.02	84	772	+115	2170
Anchorage Intl	61	36	48	+3	0.00	0	7.82	-1.08	56	654	-30	2009
Kenai Municipal	62	35	51	+7	0.03	2	8.23	-1.05	81	655	+255	2027
Homer	57	31	46	+1	0.02	2	7.71	-0.99	63	178	-184	1330
Kodiak	54	42	49	+2	0.75	4	22.54	-4.43	92	340	-51	1571

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