

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** September 14, 2009

**GENERAL:** There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 100% adequate. **Subsoil moisture** supplies were listed as 20% short, 80% adequate. **Barley** was reported as 90% harvested. **Oats** were 10% harvested. **Potatoes** were reported as 25% harvested. **Second cutting of hay** was 80% complete. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 20% poor, 35% fair, 30% good, 15% excellent. **Wind or rain damage** was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, grain, haylage, baling straw, machinery maintenance.

CROP WEATHER SUMMARY September 07 - September 13, 2009		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	20%
ADEQUATE	100%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/07 - 09/13 MAT AES SITE: 1.149		

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Barley** was reported as 95% harvested. **Oats** were 10% harvested. **Potatoes** were reported as 15% harvested. **Second cutting of hay** was 85% complete. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 15% poor, 20% fair, 50% good, 15% excellent. No **wind or rain damage** was reported. **Farm activities** for the week included harvesting barley, oats, hay, haylage, baling straw, disking stubble, working fallow ground.

**MATANUSKA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 10% short, 90% adequate. **Potatoes** were reported as 30% harvested. **Second cutting of hay** was 75% complete. **Winter supplies of hay** were listed as 20% short, 80% adequate. **Range and pasture** condition was reported as 20% poor, 40% fair, 30% good, 10% excellent. **Wind or rain damage** was 90% none, 5% light, 5% moderate. **Farm activities** for the week included harvesting hay, potatoes and vegetables, winterizing equipment.

**KENAI PENINSULA:** An average of **4.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 100% adequate. **Potatoes** were 20% harvested. **Second cutting of hay** was 85% complete. **Winter supplies of hay** were listed as 15% short, 85% adequate. **Range and pasture** condition was reported as 30% poor, 20% fair, 30% good, 20% excellent. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week were harvesting hay and vegetables, 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>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	54	52	53	56	49	48	67	40	0.17
Sawmill Creek	46	45	44	na	na	na	71	25	0.00
Plant Materials Center	50	49	na	na	na	na	65	34	0.09

**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 7, 2009  
 To: Sunday September 13, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - September 13, 09 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	73	39	56	+9	0.01	1	4.50	-1.52	34	1161	+219	2434
Fairbanks/Eiels	70	34	52	+5	0.00	0	7.69	+0.08	45	855	-42	2059
Nenana_Muni_AM	71	37	54	+8	0.02	1	6.11	+0.26	39	921	+117	2149
Ftgreely/Allen	68	34	54	+7	0.00	0	6.77	-1.79	37	910	+63	2130
Healy_River_Air	67	35	52	+5	0.05	2	7.44	-1.40	64	727	+57	1902
Gulkana_Arpt_A	68	27	46	+1	0.00	0	5.78	-0.62	48	593	+110	1776
Sutton	63	36	50	+3	0.62	6	10.29	+1.70	78	424	-82	1628
Palmer_Municipa	65	43	54	+4	0.00	0	1.62	-5.85	18	746	+82	2059
Talkeetna	68	42	54	+6	0.23	4	9.07	-4.73	50	794	+136	2054
Willow_Airport	64	44	53	+3	0.43	5	7.99	+0.76	68	980	+323	2304
Anchorage_Intl	64	45	54	+5	0.05	2	4.78	-2.91	42	690	+20	1961
Kenai_Municipal	66	37	54	+7	0.37	5	5.74	-2.09	44	534	+144	1771
Homer	59	40	50	+2	1.02	5	6.05	-1.13	48	270	-79	1388
Kodiak	64	42	52	+2	3.05	6	26.44	+3.08	66	357	-24	1488

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