

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 21, 2009

GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were listed as 25% short, 75% adequate. **Barley** was reported as 99% harvested. **Oats** were 50% harvested. **Potatoes** were also reported as 50% harvested. **Second cutting of hay** was 90% complete. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 15% poor, 35% fair, 45% good, 5% excellent. **Wind or rain damage** was 95% none, 5% light. The main **farm activities** for the week were harvesting hay, grains, baling straw, machinery maintenance.

CROP WEATHER SUMMARY September 14 - September 20, 2009		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	25%
ADEQUATE	95%	75%
SURPLUS	0%	0%
PAN EVAPORATION FOR 09/14 - 09/20 MAT AES SITE: 0.562		

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. Rain at the end of the week slowed the harvest of grains, hay and potatoes. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Barley** was reported as 100% harvested. **Oats** were 50% harvested. **Potatoes** were reported as 30% harvested. **Second cutting of hay** was 90% complete. **Winter supplies of hay** were listed as 30% short, 70% adequate. **Range and pasture** condition was reported as 10% poor, 30% fair, 60% good. No **wind or rain damage** was reported. **Farm activities** for the week included harvesting small grains, hay, potatoes, baling straw, disking stubble, working fallow ground.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 15% short, 85% adequate. **Potatoes** were reported as 65% harvested. **Second cutting of hay** was 90% complete. **Winter supplies of hay** were listed as 25% short, 75% adequate. **Range and pasture** condition was reported as 15% poor, 45% fair, 35% good, 5% excellent. **Wind or rain damage** was 95% none, 5% light. **Farm activities** for the week included harvesting barley, hay, potatoes and vegetables, fertilizing, field cultivation.

KENAI PENINSULA: An average of **6.0 days was suitable for fieldwork**. **Topsoil and subsoil moisture** were both reported as 100% adequate. **Potatoes** were 70% harvested. **Second cutting of hay** was 90% complete. **Winter supplies of hay** were listed as 10% short, 90% 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 (F⁰) 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	52	50	50	50	47	48	64	37	0.00
Sawmill Creek	46	na	na	na	na	na	67	24	0.59
Plant Materials Center	na	na	na	na	na	na	na	na	na

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 14, 2009
 To: Sunday September 20, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - September 20, 09 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	36	52	+9	0.25	2	4.75	-1.54	36	1184	+242	2520
Fairbanks/Eiels	68	30	49	+6	0.37	3	8.06	+0.17	48	865	-32	2127
Nenana_Muni_AM	65	32	50	+7	0.15	1	6.26	+0.22	40	931	+127	2219
Ftgreely/Allen	64	33	50	+6	0.37	3	7.14	-1.63	40	919	+65	2200
Healy_River_Air	63	32	49	+6	0.27	3	7.71	-1.48	67	735	+65	1967
Gulkana_Arpt_A	63	27	47	+5	0.01	1	5.79	-0.96	49	594	+109	1825
Sutton	61	34	49	+3	0.67	5	10.96	+1.61	83	426	-86	1689
Palmer_Municipa	62	39	51	+4	0.00	0	1.62	-6.48	18	756	+84	2138
Talkeetna	66	36	50	+5	0.11	2	9.18	-5.64	52	802	+140	2129
Willow_Airport	63	34	50	+3	0.39	3	8.38	+0.52	71	988	+331	2377
Anchorage_Intl	64	39	51	+4	0.05	1	4.83	-3.53	43	702	+23	2040
Kenai_Municipal	68	34	52	+6	0.08	5	5.82	-2.80	49	548	+151	1853
Homer	63	37	51	+4	0.20	4	6.25	-1.77	52	284	-72	1466
Kodiak	54	37	50	+2	3.50	7	29.94	+4.67	73	364	-24	1559

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