

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: May 18, 2009

CROP WEATHER SUMMARY

CROP WEATHER SUMMARY		
May 11 - May 17, 2009		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	0%
ADEQUATE	90%	100%
SURPLUS	5%	0%
PAN EVAPORATION FOR 05/11 - 05/17		
MAT AES SITE: 0.913		

GENERAL: There were 5.0 days suitable for fieldwork. Topsoil moisture supplies were reported as 5% short, 90% adequate, 5% surplus. Subsoil moisture supplies were listed as 100% adequate. Fieldwork progress was reported as zero to eight days behind schedule. Barley was reported as 15% planted. Hay supplies were rated as 15% short, 85% adequate. Condition of livestock was listed as 5% poor, 20% fair, 65% good, 10% excellent. Range and pasture condition was reported as 5% poor, 15% fair, 60% good, 20% excellent. The main farm activities for the week were seeding barley, spreading fertilizer, field preparation, machinery maintenance.

TANANA VALLEY: An average of 4.0 days was suitable for fieldwork. Topsoil moisture was reported at 10% short, 85% adequate, 5% surplus. Subsoil moisture supplies were 100% adequate. Fieldwork progress was reported as zero to 2 days behind schedule. Barley was reported as 15% planted. Oat and potato planting should begin this week. Hay supplies were reported as 15% short, 85% adequate. Livestock condition was listed as 5% poor, 30% fair, 55% good, 10% excellent. Range and pasture condition was reported as 10% poor, 30% fair, 50% good, 10% excellent. Farm activities for the week included seeding barley, tilling fields, spreading fertilizer.

MATANUSKA VALLEY: An average of 5.0 days was suitable for fieldwork. Topsoil and subsoil moisture were reported as 100% adequate. Fieldwork progress was reported as on schedule. Potato planting was underway. Hay supplies were reported as 10% short, 90% adequate. Livestock conditions were listed at 15% fair, 80% good, 5% excellent. Range and pasture condition was reported as 5% fair, 55% good, 40% excellent. Major farm activities during the week included field preparation, planting potatoes and vegetables, machinery maintenance, spreading fertilizer.

KENAI PENINSULA: There were 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 5% short, 95% adequate. Subsoil moisture was reported at 100% adequate. Fieldwork progress was reported as on schedule. Hay supplies were reported as 100% adequate. Range and pasture condition was reported as 100% good. Major farm activities for the week included field preparation and planting.

Soil Temperatures (°F) at 4 inch depth

	Grass				Fallow Land				Temperature		Precip
	2009	2008	2007	2009	2008	2007	High	Low		(inches)	
UAF-APES, Trunk Road	41	37	41	45	47	47	68	32	0.36		
Sawmill Creek	33	33	38	na	na	na	57	25	0.58		
Plant Materials Center	44	na	43	na	na	na	67	30	0.51		

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 May 11, 2009
To: Sunday May 17, 2009

STATION	LAST WEEK WEATHER SUMMARY				MAY 1, 09 - MAY 17, 09				GDD BASE 50F	GDD	BASE 40F
	HI	LO	AVG	DN	TOTAL	DAYS	TOTAL	DN			
Fairbanks_Intl	59	31	44	-5	0.05	1	0.05	-0.19	1	25	122
Fairbanks/Fields	57	26	41	-7	0.24	4	0.26	+0.01	5	12	72
Nemana_Munl_AM	59	29	43	-5	0.06	2	0.06	-0.05	2	10	86
Ferguson/Allen	55	29	41	-7	1.31	3	1.32	+1.08	4	21	95
Healy_River_Air	56	31	42	-4	0.25	5	0.29	+0.04	6	2	87
Gulkana_Arpt_A	57	29	43	-2	0.58	2	0.83	+0.61	4	0	87
Sutton	64	28	45	+0	0.22	3	0.32	-0.05	4	2	96
Palmer_Municipal	69	34	49	+2	0.12	1	0.12	-0.19	1	19	111
Talkeetna	64	30	47	+2	0.06	1	0.06	-0.76	1	0	106
Willow_Airport	64	34	50	+5	0.19	1	0.24	-0.07	2	23	123
Anchorage_Intl	66	34	48	+3	0.35	1	0.36	+0.02	2	12	165
Kenai_Municipal	69	30	47	+4	0.02	1	0.04	-0.47	2	8	120
Homer	67	30	45	+2	0.11	2	0.34	-0.31	4	1	115
Kodiak	68	31	46	+4	0.01	1	0.04	-3.42	3	6	72

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