

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 10, 2010

GENERAL: There were **5.0 days suitable for fieldwork** last week. Low temperatures were still dipping into the 20's in most areas. **Topsoil moisture** supplies were reported as 90% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. **Fieldwork progress** was reported as on schedule in most areas. **Barley** reported as 5% planted. **Hay supplies** were rated as 10% short, 90% adequate. **Condition of livestock** was listed as 5% poor, 15% fair, 70% good, 10% excellent. **Pasture and range condition** was listed as 5% poor, 20% fair, 60% good, 15% excellent. The main **farm activities** for the week were spreading fertilizer on hay and pasture, tilling dry fields, planting barley, preparing machinery and irrigation equipment.

CROP WEATHER SUMMARY May 3 - May 9, 2010		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	0%	10%
ADEQUATE	90%	90%
SURPLUS	10%	0%
PAN EVAPORATION FOR 05/03 - 05/09 MAT AES SITE: 1.033		

TANANA VALLEY: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 90% adequate, 10% surplus. **Subsoil moisture supplies** were 15% short, 85% adequate. **Hay supplies** were reported as 100% adequate. Barley planting was underway with 5% of the crop having been seeded. **Livestock condition** was listed as 10% poor, 30% fair, 50% good, 10% excellent. **Pasture and range condition** was listed as 10% poor, 30% fair, 40% good, 20% excellent. **Farm activities** for the week included spreading fertilizer on hay and pasture, planting barley, tilling fields.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% short, 90% adequate, 5% surplus. **Subsoil moisture** was reported as 100% adequate. **Hay supplies** were reported as 10% short, 90% adequate. **Livestock conditions** were listed at 5% fair, 90% good, 5% excellent. **Pasture and range condition** was listed as 5% fair, 90% good, 5% excellent. **Farm activities** for the week included preparing equipment, plowing fields, fertilizing hay and pasture, burning fields, transplanting vegetables.

KENAI PENINSULA: There were **4.0 days suitable for fieldwork last week**. **Topsoil moisture and subsoil moisture** were both reported at 100% adequate. **Hay supplies** were reported as 90% short, 10% adequate. **Pasture and range condition** was listed as 15% poor, 35% fair, 25% good, 25% excellent. Major **farm activities** for the week included preparing equipment and fertilizing fields.

Soil Temperatures (F⁰) 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	45	37	34	49	43	45	61	28	0.05
Sawmill Creek	32	32	33	na	na	na	61	22	0.40
Plant Materials Center	na	na	na	na	na	na	60	28	0.00

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 3, 2010
 To: Sunday May 9, 2010

STATION	LAST WEEK WEATHER SUMMARY						May 1, 10 - May 9, 10					GDD BASE 40F
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	62	29	44	+0	0.13	2	0.38	+0.29	4	0	+0	44
Fairbanks/Eiels	60	26	40	-4	0.24	2	0.75	+0.66	4	0	+0	21
Nenana_Muni_AM	61	28	43	+0	0.01	1	0.31	+0.28	3	0	+2	34
Ftgreely/Allen	56	26	40	-5	0.28	4	1.06	+0.97	6	0	-9	13
Healy_River_Air	57	28	40	-2	0.05	2	0.21	+0.12	4	0	+3	13
Gulkana_Arpt_A	58	26	42	+3	0.05	2	0.22	+0.13	4	0	+0	18
Sutton	55	30	42	-1	0.09	3	0.14	-0.04	4	0	+0	18
Palmer_Municipa	61	31	45	+1	0.00	0	0.03	-0.12	2	0	+0	44
Talkeetna	60	26	44	+2	0.02	2	0.02	-0.40	2	0	+2	29
Willow_Airport	61	36	47	+4	0.07	2	0.11	-0.04	3	0	+0	51
Anchorage_Intl	57	32	44	-1	0.02	1	0.03	-0.15	2	0	+0	30
Kenai_Municipal	59	28	44	+3	0.29	2	0.29	+0.02	2	0	+0	36
Homer	50	28	39	-3	0.00	0	0.01	-0.35	1	0	+0	2
Kodiak	58	31	42	+1	0.12	3	0.23	-1.57	5	0	+0	19

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