

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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P.O. Box 799
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RELEASED: June 13, 2011

GENERAL: There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% very short, 55% short, 40% adequate. **Subsoil moisture** supplies were listed as 40% short, 60% adequate. **Crop growth** was reported as 15% slow, 80% moderate, 5% rapid. **Barley** was reported as 99% emerged. **Condition of the barley crop** was listed as 60% fair, 40% good. **Oats** were 95% planted, 65% emerged. **Condition of the oat crop** was listed as 50% fair, 50% good. **Potatoes** were reported as 95% planted, 10% emerged. **Condition of all hay** was listed as 5% very poor, 15% poor, 50% fair, 30% good. **Wind or rain damage** to new plantings was reported as 90% none, 5% light, 5% moderate. The main **farm activities** for the week were seeding oats, planting potatoes and vegetables, irrigating, weed control.

| CROP WEATHER SUMMARY June 6 - June 12, 2011 | | |
|--|------------------|------------------|
| DAYS SUITABLE FOR FIELDWORK: 6.5 | | |
| CROP | TOPSOIL MOISTURE | SUBSOIL MOISTURE |
| VERY SHORT | 5% | 0% |
| SHORT | 55% | 40% |
| ADEQUATE | 40% | 60% |
| SURPLUS | 0% | 0% |
| PAN EVAPORATION FOR 06/06 - 06/12 MAT AES SITE: 1.133 | | |

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% very short, 65% short, 30% adequate. **Subsoil moisture supplies** were 40% short, 60% adequate. **Crop growth** was reported as 25% slow, 70% moderate, 5% rapid. **Barley** was 100% emerged. **Condition of the barley crop** was listed as 60% fair, 40% good. **Oats** were 95% planted; 75% emerged. **Condition of the oat crop** was listed as 60% fair, 40% good. **Potatoes** were reported as 90% planted, 10% emerged. **Condition of all hay** was listed as 5% very poor, 20% poor, 50% fair, 25% good. **Farm activities** for the week included planting potatoes, seeding forage oats, irrigating hay, weed control.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% very short, 40% short, 50% adequate. **Subsoil moisture** was reported as 5% very short, 40% short, 55% adequate. **Crop growth** was reported as 5% slow, 90% moderate, 5% rapid. **Potato** were reported as 95% planted, 10% emerged. **Condition of all hay** was listed as 10% poor, 60% fair, 30% good. **Farm activities** for the week included planting potatoes, small grains and vegetables, irrigating, weed control.

KENAI PENINSULA: There were **7.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture** was reported as 20% short, 80% adequate. **Crop growth** was reported as 100% moderate. Major **farm activities** for the week included planting crops, weed control.

Soil Temperatures (F⁰) at 4 inch depth

| | <u>Grass</u> | | | <u>Fallow land</u> | | | <u>Temperature</u> | | <u>Precip</u> (inches) |
|------------------------|--------------|-------------|-------------|--------------------|-------------|-------------|--------------------|------------|---------------------------|
| | <u>2011</u> | <u>2010</u> | <u>2009</u> | <u>2011</u> | <u>2010</u> | <u>2009</u> | <u>High</u> | <u>Low</u> | |
| UAF-AFES, Trunk Road | 52 | 56 | 56 | 55 | 60 | 57 | 65 | 39 | 0.00 |
| Sawmill Creek | 42 | na | 46 | na | na | na | 76 | 34 | 0.31 |
| Plant Materials Center | 49 | 63 | 51 | 54 | na | na | 64 | 39 | 0.01 |

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 June 6, 2011
 To: Sunday June 12, 2011

| STATION | LAST WEEK WEATHER SUMMARY | | | | | | May 1, 11 - June 12, 11 GDD | | | | | |
|-----------------|---------------------------|----|-----|---------------|-------|------|-----------------------------|-------|------|--------------|------|-----|
| | TEMPERATURE | | | PRECIPITATION | | | PRECIPITATION | | | GDD BASE 50F | | |
| | HI | LO | AVG | DFN | TOTAL | DAYS | TOTAL | DFN | DAYS | TOTAL | DFN | TOT |
| Fairbanks_Intl | 78 | 43 | 57 | -2 | 0.24 | 2 | 0.30 | -0.80 | 5 | 294 | +156 | 604 |
| Fairbanks/Eiels | 78 | 39 | 55 | -4 | 0.21 | 2 | 0.28 | -0.98 | 5 | 219 | +90 | 507 |
| Nenana_Muni_AM | 77 | 39 | 57 | +0 | 0.07 | 2 | 0.32 | -0.33 | 7 | 221 | +113 | 516 |
| Ftgreely/Allen | 72 | 42 | 54 | -3 | 0.14 | 3 | 0.29 | -1.28 | 10 | 213 | +77 | 510 |
| Healy_River_Air | 69 | 40 | 54 | -2 | 0.06 | 2 | 0.17 | -1.33 | 6 | 137 | +64 | 413 |
| Gulkana_Arpt_A | 69 | 35 | 52 | +2 | 0.03 | 3 | 0.37 | -0.75 | 16 | 112 | +72 | 366 |
| Sutton | 63 | 32 | 50 | -2 | 0.06 | 2 | 1.08 | -0.24 | 15 | 39 | -7 | 304 |
| Palmer_Municipa | 65 | 39 | 53 | -2 | 0.01 | 1 | 0.05 | -1.04 | 4 | 96 | +13 | 427 |
| Talkeetna | 65 | 37 | 53 | -2 | 0.02 | 2 | 0.70 | -1.82 | 12 | 97 | +34 | 383 |
| Willow_Airport | 62 | 44 | 54 | +1 | 0.03 | 1 | 1.04 | +0.08 | 12 | 128 | +78 | 456 |
| Anchorage_Intl | 63 | 42 | 52 | -2 | 0.06 | 1 | 0.46 | -0.60 | 7 | 59 | -9 | 389 |
| Kenai_Municipal | 65 | 33 | 51 | +2 | 0.13 | 3 | 1.01 | -0.31 | 13 | 45 | +19 | 350 |
| Homer | 55 | 34 | 46 | -3 | 0.09 | 4 | 0.65 | -0.78 | 14 | 2 | -17 | 171 |
| Kodiak | 56 | 36 | 46 | -3 | 1.67 | 6 | 9.19 | +0.56 | 29 | 2 | -20 | 224 |

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