Crop Progress and Condition

National Agricultural Statistics Service
United States Department of Agriculture • Washington, DC 20250
Northwest Regional Field Office • Olympia, WA 98507
Alaska Field Office • 907-745-4272
• www.nass.usda.gov/ak

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ALASKA: There were 5.0 days suitable for fieldwork last week. Temperatures so far in July were near normal for Southcentral and the Kenai and slightly above normal for the Tanana Valley. Precipitation so far for the month was below normal for most of the major growing areas except for Fairbanks which was slightly above normal after almost 1.5 inches of rain last week. Rate of crop growth was 65% moderate, 35% rapid. Wind and rain damage to crops was reported as 100% none.

TANANA VALLEY: An average of 5.0 days was suitable for fieldwork. Rate of crop growth was 50% moderate, 50% rapid. Wind and rain damage to crops was reported as 100% none. Farm activities for the week included harvesting hay, fertilizing for second cutting hay, spraying of summer fallow, combining grass seed, general farm maintenance.

MATANUSKA VALLEY: An average of 5.5 days was suitable for fieldwork. Rate of crop growth was 85% moderate, 15% rapid. Wind and rain damage to crops was reported as 100% none. Farm activities for the week included harvesting hay and vegetables, weed control, fertilizing hay for second cutting, irrigation, farm maintenance. Peony harvest continues.

**Soil Moisture – Alaska**

<table>
<thead>
<tr>
<th></th>
<th>Very short</th>
<th>Short</th>
<th>Adequate</th>
<th>Surplus</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Topsoil Moisture – State</td>
<td>0</td>
<td>15</td>
<td>85</td>
<td>0</td>
</tr>
<tr>
<td>Tanana Valley</td>
<td>0</td>
<td>0</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>Matanuska Valley</td>
<td>0</td>
<td>30</td>
<td>70</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>15</td>
<td>85</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>20</td>
<td>80</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>10</td>
<td>90</td>
<td>0</td>
</tr>
</tbody>
</table>

**Soil Temperatures (°F) at 4 inch depth**

<table>
<thead>
<tr>
<th></th>
<th>Grass</th>
<th>Fallow</th>
<th>Air Temperature</th>
<th>Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2021</td>
<td>2020</td>
<td>2019</td>
<td>High</td>
</tr>
<tr>
<td>Sawmill Creek</td>
<td>57</td>
<td>55</td>
<td>58</td>
<td>na</td>
</tr>
<tr>
<td>UAF - Matanuska Experiment Farm</td>
<td>60</td>
<td>62</td>
<td>62</td>
<td>61</td>
</tr>
</tbody>
</table>

Pan evaporation ¹ UAF Matanuska Experiment Farm: 0.78

na – not available.

**Crop Progress – Alaska**

<table>
<thead>
<tr>
<th></th>
<th>This week</th>
<th>Last week</th>
<th>Last year</th>
<th>5 year average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Barley turning color</td>
<td>10</td>
<td>&lt;5</td>
<td>0</td>
<td>17</td>
</tr>
<tr>
<td>Oats in dough</td>
<td>40</td>
<td>0</td>
<td>0</td>
<td>32</td>
</tr>
<tr>
<td>Grass hay harvested</td>
<td>95</td>
<td>90</td>
<td>84</td>
<td>87</td>
</tr>
</tbody>
</table>

**Crop Condition – Alaska**

<table>
<thead>
<tr>
<th></th>
<th>Very poor</th>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
<td>(percent)</td>
</tr>
<tr>
<td>Barley</td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>60</td>
<td>30</td>
</tr>
<tr>
<td>Oats</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>75</td>
<td>25</td>
</tr>
<tr>
<td>Potatoes</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>70</td>
<td>30</td>
</tr>
<tr>
<td>Hay</td>
<td>0</td>
<td>0</td>
<td>25</td>
<td>70</td>
<td>5</td>
</tr>
</tbody>
</table>
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