3. Seasonal Forecasting and Energy
High and Low Temperature Climatology for El Paso, TX

KELP Climatology

High Temperature [°F]

Low Temperature [°F]
Operational Configuration for CFSv2 real time forecasts

0 UTC  6 UTC  12 UTC  18 UTC

- 9 month run (4)
- 1 season run (3)
- 45 day run (9)
Seasonal Temperature Skill at 0.5 month lead

Seasonal Precipitation Skill at 0.5 month lead

Better than climatology

No Skill

Worse than climatology
New York State HDDs and CDDs

Source: NYSERDA

Year

Degree Days (F)

Consumption (GW/capita)

Residential Consumption per Capita

Data Source: NYSERDA
Target areas for malaria prevention measures based on seasonal rainfall
**Table 1.** Selected scenarios representing water management, ranching, and wildland fire management decision-making situations in the southwest United States.

<table>
<thead>
<tr>
<th>Decision-making situation</th>
<th>When forecasts issued (months)</th>
<th>Season of interest (months)</th>
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<tr>
<td>Water management scenario</td>
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<td></td>
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<tr>
<td>Fall</td>
<td>Aug–Oct</td>
<td>Dec–May</td>
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<tr>
<td>Winter, upper Colorado</td>
<td>Dec–Apr</td>
<td>Jan–Sep</td>
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<tr>
<td>Winter, lower Colorado</td>
<td>Dec–Feb</td>
<td>Jan–May</td>
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<tr>
<td>Spring</td>
<td>Dec–May</td>
<td>Jun–Sep</td>
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<tr>
<td>Cattle ranching scenario</td>
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<tr>
<td>Summer</td>
<td>Apr–May</td>
<td>Jul–Sep</td>
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<tr>
<td>Winter</td>
<td>Oct–Nov</td>
<td>Dec–Mar</td>
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<tr>
<td>Fire management scenario</td>
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<tr>
<td>Spring</td>
<td>Jan–Mar</td>
<td>Apr–Jul</td>
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</tbody>
</table>

**Diagram:**

- Normal Conditions
- Convective Circulation
- Equator
- Thermocline
- 120°E
- 90°W