### Annual Heating and Humidification Design Conditions

**Coldest Month** Heating DB  
**Humidification DP/MCDB and HR**  
**Coldest month WS/MCDB**  
**MCWS/PCWD to 99.6% DB**  

<table>
<thead>
<tr>
<th>Month</th>
<th>Heating DB</th>
<th>Humidification DP/MCDB and HR</th>
<th>Coldest month WS/MCDB</th>
<th>MCWS/PCWD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>99%</td>
<td>99% DB</td>
<td>99% HR</td>
<td>99% MCDB</td>
</tr>
<tr>
<td>(a)</td>
<td>(b)</td>
<td>(c)</td>
<td>(d)</td>
<td>(e)</td>
</tr>
<tr>
<td>(1)</td>
<td>0.1</td>
<td>1.5</td>
<td>-1.8</td>
<td>3.3</td>
</tr>
<tr>
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</tbody>
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### Annual Cooling, Dehumidification, and Enthalpy Design Conditions

**Hottest Month** Cooling DB/MCWB  
**Evaporation WS/MCDB**  
**MCWS/PCWD to 0.4% DB**  

<table>
<thead>
<tr>
<th>Month</th>
<th>Cooling DB/MCWB</th>
<th>Evaporation WS/MCDB</th>
<th>MCWS/PCWD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4%</td>
<td>0.4%</td>
<td></td>
</tr>
<tr>
<td>(a)</td>
<td>(b)</td>
<td>(c)</td>
<td></td>
</tr>
<tr>
<td>(2)</td>
<td>11.0</td>
<td>33.0</td>
<td></td>
</tr>
<tr>
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</table>

### Extreme Annual Design Conditions

**Extreme Annual WS**  
**Extreme Annual DB**  
**n-Year Return Period Values of Extreme DB**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Max</th>
<th>Standard Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Monthly Climatic Conditions

**Annual**  
**Precipitation**  
**Precipitation by Month**

<table>
<thead>
<tr>
<th>Month</th>
<th>Precip</th>
<th>Precipitation by Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>423</td>
<td></td>
</tr>
<tr>
<td>Feb</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Mar</td>
<td>34</td>
<td></td>
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<tr>
<td>Apr</td>
<td>31</td>
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<tr>
<td>May</td>
<td>33</td>
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</tr>
<tr>
<td>Jun</td>
<td>32</td>
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</tr>
<tr>
<td>Jul</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Aug</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Sep</td>
<td>43</td>
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</tr>
<tr>
<td>Oct</td>
<td>45</td>
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</tr>
<tr>
<td>Nov</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Dec</td>
<td>45</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Temperature</th>
<th>DB</th>
<th>MCWB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(a)</td>
<td>(b)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(c)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(d)</td>
<td></td>
</tr>
</tbody>
</table>

**WMO #**: 99999  
**Lat**: 39.55N  
**Long**: 2.73E  
**Elev**: 7  
**StdP**: 101.24  
**Time Zone**: 1.00 (EUW)  
**Period**: 86-10  
**WBAN**: 99999  

**Nomenclature**:  
See separate page