UPDATED TITLE ...EXCESSIVE HEAT OUTLOOK PRODUCT. APPARENT TEMPERATURE IS NOW REFERRED TO AS THE HEAT INDEX TEMPERATURE. ALSO PROBABILITY - RATHER THAN PROBABILITY ANOMALY - WILL BE USED FOR THE HEAT INDEX PROBABILISTIC FORECASTS.

ON THURSDAY...JUNE 1 2000...THE CLIMATE PREDICTION CENTER /CPC/ WILL START PROVIDING EXCESSIVE HEAT OUTLOOKS. THE OUTLOOKS WILL BE ISSUED DAILY AROUND 4:00 PM EASTERN LOCAL TIME. THE OUTLOOKS WILL EMPHASIZE DAILY MEAN HEAT INDEX TEMPERATURES RATHER THAN DAILY MAXIMUM HEAT INDEX...ALTHOUGH CPC ALSO WILL PROVIDE THE EXPECTED VALUE OF THE MAXIMUM HEAT INDEX DURING THE 5- OR 7- DAY FORECAST PERIOD AT APPROXIMATELY 200 LOCATIONS.

BECAUSE HEALTH RISKS VARY ENORMOUSLY FROM AREA TO AREA...CPC WILL ISSUE FORECASTS OF THE PROBABILITY OF THE HEAT INDEX EXCEEDING THREE DIFFERENT THRESHOLDS. THESE WILL BE OVERLAID ON ISOLINES OF THE CLIMATOLOGICAL NORMAL PROBABILITY. CPC CHOSE THE THRESHOLD HEAT INDEX VALUES BASED ON WHEN CUMULATIVE EXPOSURE WOULD BE LIKELY TO CAUSE SIGNIFICANT HEALTH RISKS FOR A NUMBER OF THE MOST VULNERABLE CITIES.

IN ADDITION...BECAUSE VULNERABILITY INCREASES WITH DURATION OF THE HEAT WAVE...RISKS FOR EXCEEDING THE LOWER THRESHOLDS ARE FOR DURATIONS LONGER THAN ONE DAY. THESE NEW PRODUCTS WILL CONSIST OF MAPS OF THE PROBABILITY OF DAILY MEAN HEAT INDEX TEMPERATURE FOR THRESHOLDS EQUAL TO OR GREATER THAN 85F...90F...OR 95F FOR EACH OF THE 3-7-... 6-10-... AND 8-14-DAY FORECAST PERIODS. THE FORECASTS WILL BE FOR DIFFERENT MINIMUM NUMBERS OF DAYS WITHIN THE 5 OR 7 DAY PERIOD OF THE FORECAST - NAMELY 3...2 AND 1 DAY/S - RESPECTIVELY - WHEN THE THRESHOLDS ARE EQUALED OR EXCEEDED.

MORE SPECIFICALLY...FOR THE 3-7-... 6-10- AND 8-14-DAY OUTLOOK PERIODS - THE NEW PRODUCTS PREDICT THE PERCENT CHANCE OF EQUALING OR EXCEEDING THE FOLLOWING CRITERIA:

A. DAILY AVERAGE HEAT INDEX EQUAL TO OR GREATER THAN 85F THREE OR MORE DAYS IN THE FORECAST PERIOD.
B. DAILY AVERAGE HEAT INDEX EQUAL TO OR GREATER THAN 90°F TWO OR MORE DAYS IN THE FORECAST PERIOD.

C. DAILY AVERAGE HEAT INDEX EQUAL TO OR GREATER THAN 95°F ONE OR MORE DAYS IN THE FORECAST PERIOD.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS AND ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDENTIFIERS FOR THE NINE CHARTS ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>AV. HEAT INDEX</th>
<th>3-7 DAY</th>
<th>6-10 DAY</th>
<th>8-14 DAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRITERIA A</td>
<td>PTAM90 KWNC</td>
<td>PTAS90 KWNC</td>
<td>PTAT90 KWNC</td>
</tr>
<tr>
<td>/85°F+ FOR 3+DAYS/</td>
<td>RBGHI1</td>
<td>RBGHI4</td>
<td>RBGHI7</td>
</tr>
<tr>
<td>CRITERIA B</td>
<td>PTAM95 KWNC</td>
<td>PTAS95 KWNC</td>
<td>PTAT95 KWNC</td>
</tr>
<tr>
<td>/90°F+ FOR 2+DAYS/</td>
<td>RBGHI2</td>
<td>RBGHI5</td>
<td>RBGHI8</td>
</tr>
<tr>
<td>CRITERIA C</td>
<td>PTAM00 KWNC</td>
<td>PTAS00 KWNC</td>
<td>PTAT00 KWNC</td>
</tr>
<tr>
<td>/95°F+ FOR 1+DAY/</td>
<td>RBGHI3</td>
<td>RBGHI6</td>
<td>RBGHI9</td>
</tr>
</tbody>
</table>

NOTE - THE NUMBERS WITHIN THE WMO HEADINGS DO NOT COINCIDE WITH THE HEAT INDEX THRESHOLDS.

THESE NINE CHARTS WILL BE ISSUED OVER AWIPS...NOAAPORT...AND THE CPC INTERNET SITE - HTTP://WWW.CPC.NCEP.NOAA.GOV - USE LOWER CASE.

FOR FURTHER INFORMATION...CONTACT:

NOAA/NWS
CLIMATE PREDICTION CENTER - W/NP51
CAMP SPRINGS MARYLAND

OR E-MAIL CPC THROUGH THEIR WEB SITE.

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE LETTERS/:

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

END
NNNN