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PROGNOSTIC DISCUSSION FOR MONTHLY OUTLOOK  
CLIMATE PREDICTION CENTER NCEP  
NATIONAL WEATHER SERVICE WASHINGTON DC  
3 PM EDT THURSDAY JULY 13 2000

30-DAY OUTLOOK DISCUSSION FOR <sup>Aug</sup>~~JULY~~ 2000

THE OVERALL MEAN GLOBAL CIRCULATION PATTERN DURING JUNE FEATURED STRONGER THAN NORMAL SUB-TROPICAL HIGHS THROUGHOUT MOST OF THE MID-LATITUDES IN THE NORTHERN HEMISPHERE. THIS FEATURE IS CONSISTENT WITH THE ONGOING LA NINA - WHICH CONTINUES WITH MODERATE TO WEAK AMPLITUDE.

SOIL MOISTURE CONDITIONS CONTINUE TO BE DRIER THAN NORMAL ACROSS MUCH OF THE SOUTHEAST WHILE MUCH IMPROVEMENT HAS OCCURED OVER THE MIDWEST. DRY SOILS ARE LIKELY TO CONTINUE IN THE SOUTHEAST AND TO FOSTER WARMER THAN NORMAL TEMPERATURES THERE DURING AUGUST. THE MONSOON STARTED EARLY THIS YEAR AND IS EXPECTED TO BE WETTER THAN NORMAL OVERALL DUE TO STRONG MIDDLE TROPOSPHERE SUBTROPICAL RIDGE DEVELOPMENT AND LOW-LEVEL HEAT LOW FORMATION RESULTING FROM INCREASED SURFACE WARMING - WHICH ARE IN TURN AT LEAST PARTLY DUE TO THE LACK OF SNOW PACK OVER THE MOUNTAINS DURING THE PREVIOUS LA NINA-INFLUENCED WINTER.

ABOVE NORMAL TEMPERATURES ARE PREDICTED FOR THE SOUTHEAST AND THE WEST - BASED ON THE TREND (OCN) - THE SOIL MOISTURE INFLUENCE IN THE SOUTHEAST AND THE CCA. SUBNORMAL TEMPERATURES PREDICTED FOR THE CENTER OF THE NATION COME ENTIRELY FROM THE TREND - WHICH IS STRONGEST THERE DURING THE SUMMER. WARMER THAN NORMAL TEMPERATURES PREDICTED FOR THE SOUTHERN PANHANDLE OF ALASKA COME FROM A COMBINATION OF WEIGHTED VALUES FROM CCA AND OCN.

EXTRA PRECIPITATION FROM A STRONGER THAN AVERAGE MONSOON COMBINED WITH A TREND FOR ABOVE NORMAL PRECIPITATION IN THE SOUTHERN GREAT PLAINS LEADS TO THE FORECAST FOR EXTRA PRECIPITATION IN THOSE REGIONS. THE DRY SIGNAL OVER CALIFORNIA AND NEVADA IS FROM CCA AND TREND. ABOVE NORMAL PRECIPITATION IS FAVORED OVER ALL OF WESTERN ALASKA BY THE TREND - BUT THE CCA CONFLICTS WITH THAT IN SOUTHWESTERN ALASKA - LEADING TO A WET FORECAST OVER WEST-CENTRAL AND NORTHWESTERN ALASKA.

NOTE - THIS CLIMATE OUTLOOK IS INTENDED FOR USE ONLY PRIOR TO THE START OF THE VALID PERIOD. WITHIN THE VALID PERIOD OBSERVATIONS AND MEDIUM RANGE FORECASTS SHOULD BE CONSULTED.

NOTE - THE NEXT 0.5 MONTH LEAD-TIME MONTHLY OUTLOOK WILL BE ISSUED THURSDAY AUGUST 17 2000.

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