

HFUS 3 BOU 09 0200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

7 DAY FORECAST OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0200Z 09 JULY 1979

SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. OCCASIONAL CLASS M EVENTS ARE EXPECTED.

THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED. THERE IS A CHANCE OF A FLARE INDUCED GEOMAGNETIC STORM.

SOLTERWARN

BT

HFUS 3 BOU 09 0201

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

27-DAY FORECAST OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0201Z 09 JULY 1979

SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THROUGH THIS PERIOD. CLASS M ACTIVITY IS EXPECTED TO BE "BATCHED" IN SHORT PERIODS AS VARIOUS REGIONS ACTIVATE.

THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED WITH ACTIVE LEVELS POSSIBLE 19-21 JULY AND QUIET LEVELS EXPECTED 25-28 JULY. THERE IS A CHANCE FOR FLARE INDUCED GEOMAGNETIC STORMS.

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 190

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 JULY 1979

IA. SOLAR ACTIVITY HAS REMAINED LOW SINCE THE CLASS M2 FLARE AT
082012 UT. REGION 1860 (N28E20) PRODUCED THE M2 AND IS STILL
CONSIDERED THE PRIME CANDIDATE FOR ADDITIONAL ENERGETIC ACTIVITY.
REGION 1849 (N11W26) HAS SHOWN SOME TENDENCY TOWARD DYNAMIC
BEHAVIOR TODAY, BUT THUS FAR HAS PRODUCED ONLY C-CLASS FLARES.
REGION 1855 (S26E02) ALSO APPEARS MORE DYNAMIC AND PRODUCED A
CLASSIC "HYDER" FLARE NEAR 091840 UT. A NEW REGION, NUMBER 1865
(N12E53) DEVELOPED LATE TODAY, BUT ITS PACE SUGGEST THAT IT WILL
NOT DEVELOP VERY LARGE. THE SPOTS WITH REGIONS 1862, 1863 AND 1864
DISAPPEARED OVER NIGHT. THE REST OF THE DISK IS BASICALLY STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW TO SLIGHTLY MODERATE.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 10 JULY - 12 JULY

CLASS M 50/50/50

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JULY 193

PREDICTED 10-12 JULY 187/181/176

90-DAY MEAN 09 JULY 176

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JULY 12

ESTIMATED AFR/AP 09 JULY 08/08

PREDICTED AFR/AP 10-12 JULY 10/08 - 10/11 - 12/12

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