

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/29/86 00:00:00

End : 05/29/86 23:59:00

05/29 22:00

2137

053 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 149

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 29/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4732 (SOOW45) HAS GROWN IN ALL PARAMETERS, BUT SO FAR IS UNPRODUCTIVE. DECAY PERSISTS IN REGION 4731 (NO6W73), AND THE ASSOCIATED LARGE FILAMENT HAS BEEN MUCH LESS ACTIVE TODAY. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW. REGION 4731 IS EXPECTED TO HAVE A QUIET WEST LIMB TRANSIT.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. A CORONAL HOLE CENTERED NEAR N20W20 IS LIKELY TO ELEVATE THE PRESENT LEVEL OF ACTIVITY.

III. EVENT PROBABILITIES 30 MAY-01 JUN

CLASS M 10/10/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 072

PREDICTED 30 MAY-01 JUN 071/070/070

90 DAY MEAN 29 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 MAY 003/007

ESTIMATED AFR/AP 29 MAY 005/007

PREDICTED AFR/AP 30 MAY-01 JUN 015/015-015/020-010/025

SOLTERWARN

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