

IN THE REGION THAT HAS SHOWN DARKENING AND LENGTH INCREASE, BUT HAS OTHERWISE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC ACTIVITY WAS AT UNSETTLED TO ACTIVE LEVELS THROUGH THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS THROUGH THE FORECAST PERIOD. THE FIELD COULD BE FURTHER ENHANCED ON THE FINAL DAY OF THE FORECAST DUE TO A FILAMENT DISAPPEARANCE (N12E19 - 8 DEGREES) THAT OCCURRED ON 28 MARCH.

III. EVENT PROBABILITIES 30 MAR-01 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAR 071

PREDICTED 30 MAR-01 APR 071/072/072

90 DAY MEAN 29 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 MAR 014/018

ESTIMATED AFR/AP 29 MAR 012/015

PREDICTED AFR/AP 30 MAR-01 APR 010/015-008/010-015/015

SOLTERWARN

BT

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SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/28/86 00:00:00

End : 03/28/86 23:59:00

03/28 22:00

2131

US3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 087

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4720 (N07E07)
HAD NEW SPOTS EMERGE AFTER YESTERDAYS REPORT WAS WRITTEN. THE
BXO-BETA SPOT GROUP REMAINED QUIET AND STABLE, AS DID THE
REMAINDER OF THE DISK AND LIMBS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
THE GEOMAGNETIC ACTIVITY WAS AT MINOR STORM TO ACTIVE LEVELS
DURING THE PREVIOUS 24 HOURS. MAJOR STORM LEVELS WERE OBSERVED
AT HIGH LATITUDES BETWEEN 28/0300-0900 UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE ACTIVE TO UNSETTLED WITH THE POSSIBILITY OF
BRIEF PERIODS OF STORM CONDITIONS OCCURRING AT HIGH LATITUDES.

III. EVENT PROBABILITIES 29 MAR-31 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAR 071

PREDICTED 29 MAR-31 MAR 071/071/072

90 DAY MEAN 28 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 MAR 019/030

ESTIMATED AFR/AP 28 MAR 015/015

PREDICTED AFR/AP 29 MAR-31 MAR 015/015-012/015-010/010

SOLTERWARN

BT

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03/28 22:00

2225

HFUS3 BOU 282200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 087

: : : : : CORRECTED COPY : : : : : : : : :

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
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