SESC Solar Summary and Forecast - For Joe Hirman
Begin: 02/05/86 00:00:00
   : 02/05/86 23:59:00

02/05 22:00

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HFUS3 BOU 052200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 036
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 05 FEB 1986
IA.   ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100
TO 05/2100Z: SOLAR ACTIVITY HAS BEEN MODERATE FOR THE PAST 24
HOURS.   REGION 4711 (S07W02) APPEARS TO HAVE DECLINED SLIGHTLY
IN MOST PARAMETERS.   THIS DKI/BETA-GAMMA REGION SUSTAINED AN
M3/2B FLARE WHICH BEGAN AT 1232 UT AND REACHED AN X-RAY MAXIMUM
AT 1255 UT 05 FEB 86.   A 2695 MHZ RADIO BURST (TENFLARE) OF
1200 FLUX UNITS WAS ASSOCIATED WITH THIS EVENT.   REGION 4713
(S01E43) IS A DAO TYPE SPOT GROUP WITH A BETA MAGNETIC
CONFIGURATION.   THIS GROWING REGION PRODUCED ONLY MINOR FLARES
THIS PERIOD.   REGION 4712 (S05W90) IS ROTATING OFF THE DISK AS
A CAO TYPE SPOT GROUP.   NO NEW REGIONS WERE NUMBERED TODAY.
IB.   SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
HIGH FOR THE NEXT THREE DAYS.   REGION 4711 IS CAPABLE OF MAJOR
FLARE ACTIVITY.   REGION 4713 IS CAPABLE OF PRODUCING
SIGNIFICANT FLARE ACTIVITY.   NO REGIONS ARE DUE TO RETURN.
IIA.   GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z:
GEOMAGNETIC ACTIVITY HAS BEEN QUIET WITH GENERALLY ACTIVE
DITIONS AFTER 1500 UT 05 FEB 86. PERIODS OF MINOR STORM
DITIONS WERE OBSERVED AT HIGH LATITUDES LATER IN THE PERIOD.

IIB.   GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO BE ACTIVE WITH PERIODS OF MINOR STORM CONDITIONS
FOR THE NEXT DAY AND UNSETTLED TO ACTIVE FOR THE LAST TWO DAYS
OF THE PERIOD.
III.   EVENT PROBABILITIES 06 FEB-08 FEB
CLASS M   90/90/90
CLASS X   50/40/30
PROTON   30/30/20
PCAF   YELLOW
IV.   OTTAWA 10.7 CM FLUX
OBSERVED   05 FEB   103
PREDICTED   06 FEB-08 FEB   101/099/096
90 DAY MEAN   05 FEB   076
V.   GEOMAGNETIC A INDICES
OBSERVED AFR/AP 04 FEB   003/005
ESTIMATED AFR/AP 05 FEB   008/012
PREDICTED AFR/AP 06 FEB-08 FEB   030/040-018/025-008/015
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