HFUS 3 BOU 201400
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 325A
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 1200UT 29 NOV 1980
IA. SOLAR ACTIVITY HAS MAINTAINED ITS LEVEL OF MODERATE CONDITIONS. REGION 2793 (N12E28) HAS MAINLY BEEN RESPONSIBLE FOR THESE CONDITIONS AND AT PRESENT IS CLEARLY THE DOMINANT REGION ON THE DISK. A SUMMARIZED CONCENSUS INDICATES THIS REGION IS LARGE, GROWING, COMPLEX AND THREATENING IN BEHAVIOR. AN M3/1B EVENT FROM 2793 AT 2008 11Z (MAX) PRODUCED SHORT WAVE FADES AT 15 MHZ THAT LASTED FOR 28 MINUTES. SUSTAINED DYNAMICS ALONG WITH A MORE FAVORABLE DISK POSITION COULD RESULT IN GEOPHYSICAL EFFECTS AS THIS REGION APPEARS TO BE RADIO PRODUCTIVE. THE SECOND MOST INTERESTING REGION IS 2794 (N09E13). THIS REGION IS ALSO GROWING, CONTAINS A MAGNETIC DELTA AND IS LIKELY TO PRODUCE ENERGETIC ACTIVITY. REGIONS 2788 (N18W56) AND 2790 (N16W19) ARE STILL POTENTIAL THREATS BUT THEIR APPARENT STABILITY SUGGEST THEY ARE LESS LIKELY.
IB. SOLAR ACTIVITY SHOULD CONTINUE AT MODERATE LEVELS.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. QUIET TO UNSETTLED CONDITIONS SHOULD PERSIST.
III. EVENT PROBABILITIES: 21 NOV - 23 NOV
CLASS M 90/90/90
CLASS X 20/20/20
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 FLUX
OBSERVED 19 NOV 177
ESTIMATED 20 NOV 175
PREDICTED 21-23 NOV 174/176/180
90 DAY MEAN 19 NOV 202
V. GEOMAGNETIC A INDICES
OBSERVED AFR 18 NOV 15 AP 19 NOV 16
ESTIMATED AFR 19 NOV 14 AFR/AP 20 NOV 13/15
PREDICTED AFR/AP 21-23 NOV 11/12 10/10 10/08
SOLTERWARN
BT

HFUS 1 BOU 202200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 3258
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200UT 20 NOVEMBER 1980
IA. SOLAR ACTIVITY HAS MAINTAINED ITS LEVEL OF MODERATE CONDITIONS. REGION 2793 (N12E28) HAS MAINLY BEEN RESPONSIBLE FOR THESE CONDITIONS AND AT PRESENT IS CLEARLY THE DOMINANT REGION ON THE DISK. A SUMMARIZED CONCENSUS INDICATES THIS REGION IS LARGE, GROWING, COMPLEX AND THREATENING IN BEHAVIOR. AN M3/1B EVENT FROM 2793 AT 2008 11Z (MAX) PRODUCED SHORT WAVE FADES AT 15 MHZ THAT LASTED FOR 28 MINUTES. SUSTAINED DYNAMICS ALONG WITH A MORE FAVORABLE DISK POSITION COULD RESULT IN GEOPHYSICAL EFFECTS AS THIS REGION APPEARS TO BE RADIO PRODUCTIVE. THE SECOND MOST INTERESTING REGION IS 2794 (N09E13). THIS REGION IS EVOLVING, BUT HAS LOST ITS MAGNETIC DELTA CONFIGURATION. REGIONS 2788 (N18W56) AND 2790 (N16W19) ARE STILL POTENTIAL THREATS BUT THEIR APPARENT STABILITY SUGGEST THEY ARE LESS LIKELY TO PRODUCE SIGNIFICANT FLARES.
IB. SOLAR ACTIVITY SHOULD CONTINUE AT MODERATE LEVELS.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. UNSETTLED CONDITIONS SHOULD PREVAIL THROUGHOUT THE FORECAST PERIOD.
III. EVENT PROBABILITIES: 21 NOVEMBER-23 NOVEMBER

CLASS M	90/90/90
CLASS X	20/20/20
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED	20 NOV	166
PREDICTED	21-23 NOV	165/165/165/
90 DAY MEAN	20 NOV	202

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	19 NOVEMBER	14/16	
ESTIMATED AFR/AP	20 NOVEMBER	15/15	
PREDICTED AFR/AP	21-23 NOVEMBER	15/17	10/15 10/12

SOLTERWARN
BT