

HFUS 1 BOU 150600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 319A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 15 NOVEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 524 (N12E80) NOW APPEARS  
SMALL AND INSIGNIFICANT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST  
SEVERAL HOURS, BUT IS EXPECTED TO BECOME DISTURBED TO ACTIVE TO  
MINOR STORM LEVELS TODAY AND REMAIN SO FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS BOU 151530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 319B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 15 NOV 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. ONE  
FLARE HAS BEEN REPORTED FROM NEW REGION 524 (N12E30) WHICH APPAR-  
ENTLY DEVELOPED ON THE BACKSIDE OF THE SUN. THIS FLARE WAS A C4  
X-RAY FLARE (POSSIBLE ONE FAINT OPTICALLY) AT 15/0602Z. THIS REGION  
DOES NOT CURRENTLY APPEAR TO BE COMPLEX.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE FORECAST  
PERIOD. REGION 524 IS NOT YET FAR ENOUGH ONTO THE DISK FOR FULL  
ANALYSIS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 14/1700Z.  
THE FIELD IS EXPECTED TO BECOME ACTIVE AGAIN TODAY AND REMAIN  
ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 - 17 NOV 1974

CLASS M 10/10/05

CLASS X 03/03/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 79

PREDICTED 15 - 17 NOV 82/84/81

90-DAY MEAN 14 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOV 23

ESTIMATED AFR/AP 14 NOV 31/54

PREDICTED AFR/AP 15 - 17 NOV 16/23 - 25/33 - 20/24

SOLTERWARN

BT

HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 319

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 NOV 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS.  
ONLY TWO C-CLASS SUBFLARES HAVE BEEN NOTED ON THE VISIBLE DISK,  
BOTH FROM NEW REGION 524 (N12E73). HOWEVER, THE NEW REGION APPEARS  
TO BE WELL ALONG IN ITS DECAY AND IS CURRENTLY SIMPLE IN APPEARANCE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGH THE FORECAST  
PERIOD. NO REGIONS CURRENTLY VISIBLE APPEAR TO HAVE VERY MUCH  
ENERGETIC POTENTIAL. THERE APPEARS TO BE A NEW CYCLE REGION FORM-  
ING AT N37W66. NO SIGNIFICANT OLD REGIONS ARE DUE TO RETURN DURING  
THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET FOR THE PAST  
24 HOURS. THE FIELD IS EXPECTED TO BECOME ACTIVE EARLY ON 16 NOV  
AND REMAIN ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 - 18 NOV 1974

CLASS M 10/05/05

CLASS X 03/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 82

PREDICTED 16 - 18 NOV 84/81/78

90-DAY MEAN 15 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 NOV 31

ESTIMATED AFR/AP 15 NOV 08/11

PREDICTED AFR/AP 16 - 18 NOV 25/33 - 20/24 - 15/17

SOLTERWARN

BT