

HFUS 1 BOU 240500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 267A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 24 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO  
ACTIVITY HAS BEEN OBSERVED.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE MINOR MAGNETIC DISTURBANCE IS GRADUALLY DECREASING. THE UN-  
SETTLED CONDITION OF THE FIELD SHOULD CONTINUE DURING THE NEXT 24  
HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 241430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 267B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 24 SEPTEMBER 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. PLAGE AND WHITE LIGHT  
GROWTH HAVE BEEN NOTED IN REGION 494 (N12E08), BUT NO FLARES  
HAVE BEEN OBSERVED HERE. THE REMAINDER OF THE DISK AND THE LIMBS  
HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TODAY. UNSETTLED TO ACTIVE  
CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS. A SATELLITE LEVEL  
PROTON ENHANCEMENT, MAINLY AT LOWER ENERGY LEVELS, IS IN PROGRESS.  
IT WAS FIRST OBSERVED AT 23/1830Z.

III. EVENT PROBABILITIES 24 SEPT - 26 SEPT

CLASS M 10/05/05

CLASS X 02/01/01

PROTON 02/01/01

PCAF RED

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 SEPT 74

PREDICTED 24 SEPT - 26 SEPT 73/72/71

90-DAY MEAN 23 SEPT 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 SEPT 26

ESTIMATED AFR/AP 23 SEPT 12/13

PREDICTED AFR/AP 24 SEPT - 26 SEPT 21/27 - 18/21 - 13/15

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 267

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 SEPT 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED,  
AND RADIO AND X-RAY FLUXES ARE AT BACKGROUND LEVELS. REGION 494  
(N13E02), THE SOLE SPOT GROUP, HAS GROWN IN WHITE LIGHT TO A TYPE  
"C", AND ARCH-FILAMENTS HAVE BEEN OBSERVED HERE. THE REMAINDER  
OF THE DISK AND THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. ISOLATED SUBFLARES ARE  
LIKELY IN REGION 494 AS IT MATURES, BUT THE ACTIVITY WILL BE NON-  
ENERGETIC. ALSO AN INCREASE IN THE GENERAL LEVEL OF ACTIVITY IS  
EXPECTED WHEN TWO OLD REGIONS (479 AND 482) RETURN TO EAST LIMB  
ON 27 SEPT.

II. THE GEOMAGNETIC FIELD HAS RANGED FROM ACTIVE TO MINOR STORM  
LEVELS DURING THE PAST 24 HOURS. PREDOMINANTLY ACTIVE CONDITIONS  
ARE EXPECTED TO PREVAIL THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 - 27 SEPT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 SEPT 72

PREDICTED 25-27 SEPT 72/73/74

90-DAY MEAN 24 SEPT 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 SEPT 14

ESTIMATED AFR/AP 24 SEPT 22/31

PREDICTED AFR/AP 25-27 SEPT 20/28 - 19/24 - 16/20

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