

HFUS 1 BOU 100600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 010A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 10 JAN 1974

IA. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED IN THE PAST EIGHT HOURS. REGION 317(S12E90) HAS GENERATED MINOR LIMB ACTIVITY, WHILE THE REMAINING REGIONS HAVE BEEN QUIET.

IB. A SLIGHT TREND TOWARDS INCREASING ACTIVITY IS ANTICIPATED DURING THE NEXT FEW DAYS. ENERGETIC EVENTS ARE NOT ANTICIPATED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND SHOULD REMAIN AT THIS LEVEL THROUGHOUT THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 101300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 10 JANUARY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST SEVEN HOURS.  
TWO BRIGHT PLAGE REGIONS PRESENTLY ARE VISIBLE NEAR THE EAST LIMB.  
THESE REGIONS ARE NUMBERS 317 (S12E85) AND 319 (S18E85). AN  
H-TYPE SPOT IS VISIBLE AT S15E85 AND PROBABLY IS PART OF REGION  
319. A BRIGHT PROMINENCE LIFTED AND THEN FELL AT 10/0850Z ABOVE  
REGION 317, AND A SUBNORMAL FLARE IN REGION 319 AT 10/0930Z  
WAS FOLLOWED BY THE APPEARANCE OF A LOOP PROMINENCE ABOVE THE  
SITE OF THE FLARE. NO OTHER FLARES HAVE BEEN REPORTED, BUT  
SEVERAL OTHER MINOR LIMB EVENTS HAVE BEEN ASSOCIATED WITH REGIONS  
317 AND 319. REGION 314 (N06W13) HAS DECLINED. OTHER REGIONS  
HAVE REMAINED STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY DURING THE  
FORECAST PERIOD. REGIONS 317 AND 319 PROBABLY WILL PRODUCE  
SPORADIC SMALL FLARES AND LIMB EVENTS. OLD REGION 300, WHICH  
WAS MODERATELY DYNAMIC ON ITS PREVIOUS DIDC PASSAGE, IS DUE TO  
RETURN AT S18E90 ON 10 JANUARY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED DURING  
THE PAST 7 HOURS. GENERALLY QUIET CONDITIONS ARE EXPECTED TO  
CONTINUE FOR THE DURATION OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 JAN - 12 JAN

CLASS M 10/15/20

CLASS X 03/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JAN 88

PREDICTED 10 JAN 12 JAN 90/92/95

90-DAY MEAN 09 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JAN 07

ESTIMATED AFR/AP 09 JAN 05/06

PREDICTED AFR/AP 10 JAN - 12 JAN 05/06 - 05/06 - 05/06

SOLTERWARN

SPAN

BT

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 010

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 10 JAN 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGIONS 314 (N08W20), 316 (S09E45) AND 318 (N13E41) ALL SHOW A DECAYING TREND IN WHITE LIGHT. RGN 316 SHOWS SOME PLAGE GROWTH IN ITS NORTHWEST PORTION WHERE AN AFS IS ALSO PRESENT. WITH THE EXCEPTION OF A SUBFLARE FAINT IN RGN 314 AT 10/0912 UT, ALL THREE RGNS HAVE BEEN QUIET. RGN 317 (S17E74) HAS BEEN QUIET ALSO AFTER THE FLURRY OF MINOR ACTIVITY EARLIER TODAY. A MODERATE SIZE "H" TYPE SPOT IS ASSOCIATED WITH RGN 317 BUT THE H-ALPHA PLAGE SO FAR IS DIM AND SCATTERED.

IB. SOLAR ACTIVITY WILL REMAIN AT A GENERALLY LOW LEVEL THROUGHOUT THE FORECAST PERIOD, HOWEVER, CONTINUED DEVELOPMENT IN RGN 316 AND THE RETURN OF OLD RGN 300 ON 11 JAN COULD POSSIBLY ENHANCE THE PROBABILITY ON 12 AND 13 JAN.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETLED AND LITTLE OR NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 11 JAN - 13 JAN

CLASS M 10/15/15

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JAN 92

PREDICTED 11-13 JAN 95/97/100

90-DAY MEAN 10 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JAN 08

ESTIMATED AFR/AP 10 JAN 10/11

PREDICTED AFR/AP 11-13 JAN 07/08 - 07/08 - 10/11

SOLTERWARN

SPAN

BT