

HFUS 1 BOU 140600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 134A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 14 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW SINCE THE 2 NORMAL FLARE OF 13/2119Z. NO ACTIVITY HAS BEEN OBSERVED SINCE THAT TIME. THE DISK REGIONS ARE STABLE AND QUIET AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS ONLY SLIGHTLY UNSETTLED BUT DURING THE NEXT 24 HOURS ACTIVITY IS EXPECTED TO INCREASE.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN  
SPAN  
BT

HFUS 1 BOU 141400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 134B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 14 MAY 1974

IA. NO FLARES HAVE BEEN REPORTED SINCE THE 2 NORMAL FLARE IN REGION 399(S12W69) AT 13/2121Z. REGION 399 SEEMS TO HAVE SIMPLIFIED, BUT REGION 409(S10W68), WHICH IS CLOSELY ASSOCIATED WITH REGION 399, HAS SHOWN MARKED DEVELOPMENT IN WHITE LIGHT. REGION 393(SW12) HAS NOW PASSED QUIETLY OVER THE WEST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH ONLY A SLIGHT CHANCE OF AN ENERGETIC EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS. IT IS EXPECTED TO BECOME ACTIVE SOMETIME LATE ON 14 MAY WITH THE RETURN OF PERSISTENT RECURRENT INTERPLANETARY MAGNETIC STRUCTURE.

III. EVENT PROBABILITIES 14 MAY - 16 MAY

CLASS M 10/05/03

CLASS X 02/01/01

PROTON 05/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 93

PREDICTED 14 - 16 MAY 87/82/79

90-DAY MEAN 13 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 04

ESTIMATED AFR/AP 13 MAY 03/04

PREDICTED AFR/AP 14 - 16 MAY 15/17 - 20/24 - 28/39

SOLTERWARN

SPAN

BT

HFUS BOU 142200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
SDF NUMBER 134  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.  
NO FLARES HAVE BEEN REPORTED SINCE THE 2 NORMAL FLARE FROM REGION  
399 (S12W77) AT 13/2121Z. THE REGION 399/409 COMPLEX APPEARS TO  
HAVE SIMPLIFIED. REGION 393 IS NOW WELL OVER THE LIMB AT  
SW13 AND IS DEPARTING QUIETLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE IS ONLY  
A SLIGHT CHANCE OF ENERGETIC ACTIVITY FROM THE REGION 399/409  
COMPLEX. THE EASTERN HALF OF THE DISK IS DEVOID OF ACTIVE REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET FOR THE PAST  
24 HOURS. HOWEVER, EXTREMELY PERSISTENT INTERPLANETARY MAGNETIC  
STRUCTURE IS EXPECTED TO CAUSE THE FIELD TO BECOME ACTIVE EARLY IN  
THE FORECAST PERIOD. A MINOR MAGSTORM IS EXPECTED TO ARRIVE ON  
15 MAY.

III. EVENT PROBABILITIES 15 - 17 MAY

CLASS M 05/03/01

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 86

PREDICTED 15 - 17 MAY 82/79/73

90-DAY MEAN 14 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 03

ESTIMATED AFR/AP 14 MAY 08/09

PREDICTED AFR/AP 15 - 17 MAY 33/48 - 28/39 - 26/35

SOLTERWARN

SPAN

BT