

NNNN

KBOU

HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 08 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

BT

NNNN

KBOU

HFUS 1 BOU 081245

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 08 OCTOBER 1972

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY THREE NON ENERGETIC SUBFLARES REPORTED IN THE LAST 24 HOURS. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW WITH ONLY AN OCCASIONAL NON-ENERGETIC SUBFLARE EXPECTED. NO MAJOR REGIONS ARE FORECAST TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH BRIEF PERIODS OF SLIGHTLY UNSETTLED CONDITIONS FOR THE LAST 24 HOURS. SIMILAR CONDITIONS SHOULD PERSIST THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 OCT-10 OCT

CLASS M

15/15/15

CLASS X

01/01/01

PROTON

01/01/01

PCAF

GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 OCT 096

PREDICTED 08 OCT - 10 OCT 097/098/100

90-DAY MEAN 07 OCT 119

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 OCT 01

ESTIMATED 07 OCT 07

PREDICTED 08 OCT - 10 OCT 08/10/09

SOLTERWARN

BT

NNNN

NNNN

KBOU

HFUS BOU 082220

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 08 OCT 1972

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY MINOR CHROMOSPHERIC ACTIVITY HAS BEEN REPORTED, PRIMARILY IN REGIONS 432 /S14W77/ AND 433 /S06W28/.

IB. SINCE 432 IS GROWING SLOWLY AS IT APPROACHES WEST LIMB, IT WILL PROBABLY PRODUCE NEAR-CONTINUOUS MINOR SURGE ACTIVITY THAT SOME OBSERVATORIES WILL REPORT AS BSLS /BRIGHT SURGES ON THE LIMB/. THERE COULD BE OCCASIONAL TRUE SURGES FROM THE REGION REACHING UP TO SMALL CLASS M INTENSITY. A WEAK BAY OF INTRUDING MAGNETIC FIELD IN REGION 433 SHOULD CONTINUE TO BE THE SOURCE OF MINOR CHROMOSPHERIC ACTIVITY THAT MAY BE REPORTED AS SUBFLARES. THE EXISTENCE OF DIFFUSE MAGNETIC FIELDS OVER A LARGE AREA OF THE DISK IS CONDUCIVE TO THE FORMATION OF NUMEROUS NEW REGIONS. MOST OF THESE APPEAR AS SIMPLE A OR B SPOT GROUPS AND PROMPTLY DISAPPEAR. A FEW WILL DEVELOP RAPIDLY TO SLIGHTLY COMPLEX C OR D TYPE REGIONS, PRODUCE FLARES UP TO CLASS C8 TO M2, THEN DECAY SLOWLY WITH LITTLE FURTHER ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET EXCEPT FOR LOCAL NIGHTTIME SUBSTORM ACTIVITY. THE IMMINENT PASSAGE OF AN AWAY SECTOR BOUNDARY SHOULD BE FOLLOWED BY SEVERAL DAYS OF K VALUES OF ONE TO TWO IN THE LOCAL DAYTIME AND REACHING THREE TO FIVE DURING LOCAL NIGHTS AT MID LATITUDES.

III. EVENT PROBABILITIES 09-11 OCT

CLASS M 20/15/15

CLASS X 01/01/01

PROTON 05/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 97

PREDICTED 09-11 OCT 98/99/100

90-DAY MEAN 08 OCT 107

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCT 08

ESTIMATED 08 OCT 06

PREDICTED 09-11 OCT 10/09/09

SOLTERWARN

SPAN

BT