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KBOU

HOUS 2 BOU 150200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
15/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOU TAKEN AT 14/1600Z.

LOCATIONS VALID AT 15 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0255 N13W35 047 0020 B 07 16 BETA

MAGNETIC CLASSIFICATION FROM MT. WILSON.

REGION 255 HAS REVERSED POLARITIES.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 15 OCT 0000Z.

NMBR LOCATION LO

0257 S15E30 342

0258 S03W10 022

II. NONE.

III. NONE.

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HFUS 1 BOU 150600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 15 OCTOBER 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL. NO FLARES HAVE
BEEN OBSERVED DURING THE PAST EIGHT HOURS. REGION 255 (N13W35) HAS
BEEN VERY STABLE.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT SEVEN HOURS.

II. THE GEOMAGNETIC FIELD WAS SLIGHTLY DISTURBED 15/0100Z TO 0230Z
BUT HAS BEEN QUIET SINCE THAT TIME. NO MAJOR DISTURBANCE IS EXPECTED.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 151300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 15 OCTOBER 1973

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW WITH NO FLARES OBSERVED DURING THE PAST 12 HOURS. REGION 255 (N13W43) HAS DECLINED SLIGHTLY. A NEW REGION, 259, HAS EMERGED AT S05W28 WITH A "B" TYPE SPOT AND ARCH FILAMENT SYSTEM. ALL OTHER REGIONS HAVE BEEN QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET DURING THE PAST 8 HOURS. IT IS EXPECTED TO CONTINUE THE SAME THROUGH THE NEXT 12 HOURS AND INCREASE IN ACTIVITY SOON THEREAFTER.

III. EVENT PROBABILITIES 15 OCT - 17 OCT

CLASS M 10/05/04

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 OCT 73

PREDICTED 15 OCT - 17 OCT 75/79/82

90-DAY MEAN 14 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 OCT 18

ESTIMATED 14 OCT 05

PREDICTED 15 OCT - 17 OCT 10/08/10

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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 2898

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z OCTOBER 15 1973

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW. REGION 255 (N12W49)
HAS CONTINUED SLOW DECAY AND PRODUCED A SUBFAINT FLARE AT 2013Z.
REGION 259 (S05W35) HAS CONTINUED PLAGE AND SPOT GROWTH. AN ARCH
FILAMENT SYSTEM IS PRESENT AND IT IS MAGNETICALLY COMPLEX. THE
REST OF THE DISK IS QUIET WITH SCATTERED FILAMENTS ABUNDANT IN
THE WESTERN HEMISPHERE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS.
THE EAST LIMB IS ENHANCED IN EUV BUT THUS FAR NO REGIONS ARE
VISIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BEGIN
A RECURRENT PHASE OF UNSETTLED CONDITIONS DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 OCT-18 OCT

CLASS M 10/05/04

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 OCT 76

PREDICTED 16 OCT-18 OCT 78/82/86

90-DAY MEAN 15 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 OCT 06

ESTIMATED 15 OCT 06

PREDICTED 16 OCT-18 OCT 08/10/15

SOLTERWARN

SPAN

BT