

NNNN

KBOU

HOUS 2 BOU 020200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
020200Z AUG 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 011515Z
LOCATIONS VALID AT 02 AUG 0000Z

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S05W22 291 0090 C 03 09 BETA

0182 S10W65 334 ---- - -- -- ALPHA

0183 S10E75 194 0060 H 02 01 ALPHA

NOTE: MAGNETIC CLASSIFICATIONS FROM MT. WILSON.

REGION 0182 OBSERVED BY MT. WILSON AND CANARIES.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 02/0000Z

NMBR LOCATION LO COMMENT

0176 N15W03 272

0180 S12W13 282

0184 N13E27 242 EMERGING BIPOLE

MT. WILSON SHOWS SCATTERED SMALL SPOTS IN 0176

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 214A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 02 AUG 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. NON-ENERGETIC SUBFLARES
HAVE OCCURRED IN REGION 177(S05W25) ASSOCIATED WITH ACTIVITY IN
A FILAMENT EXTENDING FROM THE REGION. SCATTERED PLAGE CONTINUES TO
ROTATE INTO VIEW ON THE EAST LIMB AT S10 AS PART OF REGION 183.

IB. NO CHANGE

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING LOCAL
NIGHTTIME PERIODS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 021300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 214B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 AUGUST 1973
IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL WITH ONLY A FEW
SUBFLARES THUS FAR TODAY. MINOR SURGE ACTIVITY IS REPORTED AT
S18W90.
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 214

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 AUGUST 1973.

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL, WITH ONLY A FEW NON-ENERGETIC SUBFLARES REPORTED. AT 1524Z, THE FILAMENT ALONG THE SOUTHERN EDGE OF THE TRAILING PLAGE OF REGION 177 (S03W36) BECAME ACTIVE, AND WAS OBSERVED TO 1.0 A IN BOTH WINGS. BY 1550Z, THE FILAMENT HAD DISAPPEARED. SINCE THAT TIME THE REGION HAS BEEN STABLE. REGION 176 (N21W13), WHERE AN "A" SPOT IS NOW VISIBLE, HAS BEEN QUIET. REGION 183 (S09E65) HAS SHOWN SLIGHT GROWTH. THE REMAINDER OF THE DISK AND THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW TO LOW FOR THE NEXT 72 HOURS. NO ACTIVE REGIONS ARE DUE TO RETURN DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS, AND IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE NEXT 72 HOURS. THE GENERAL LEVEL OF ACTIVITY SHOULD DECLINE WITH TIME.

III. EVENT PROBABILITIES 03 AUG - 05 AUG.

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 02 AUG 84

PREDICTED 03 AUG - 05 AUG 85/86/86

90-DAY MEAN 02 AUG 90

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 01 AUG 09

ESTIMATED 02 AUG 21

PREDICTED 03 AUG - 05 AUG 20/18/16

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 214

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 AUGUST 1973.

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL, WITH ONLY A FEW NON-ENERGETIC SUBFLARES REPORTED. AT 1524Z, THE FILAMENT ALONG THE SOUTHERN EDGE OF THE TRAILING PLAGE OF REGION 177 (S03W36) BECAME ACTIVE, AND WAS OBSERVED TO 1.0 A IN BOTH WINGS. BY 1550Z, THE FILAMENT HAD DISAPPEARED. SINCE THAT TIME THE REGION HAS BEEN STABLE. REGION 176 (N21W13), WHERE AN "A" SPOT IS NOW VISIBLE, HAS BEEN QUIET. REGION 183 (S09E65) HAS SHOWN SLIGHT GROWTH. THE REMAINDER OF THE DISK AND THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW TO LOW FOR THE NEXT 72 HOURS. NO ACTIVE REGIONS ARE DUE TO RETURN DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS, AND IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE NEXT 72 HOURS. THE GENERAL LEVEL OF ACTIVITY SHOULD DECLINE WITH TIME.

III. EVENT PROBABILITIES 03 AUG - 05 AUG.

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 02 AUG 84

PREDICTED 03 AUG - 05 AUG 85/86/86

90-DAY MEAN 02 AUG 90

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 01 AUG 09

ESTIMATED 02 AUG 21

PREDICTED 03 AUG - 05 AUG 20/18/16

SOLTERWARN

SPAN

BT