

NNNN

KBOU

HOUS 2 BOU 290200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
29/0200Z SEP 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARY ISLANDS TAKEN
AT 28/0930Z. LOCATIONS VALID AT 29 SEP 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0231	N06W65	288	0010	A	00	01	ALPHA
0234	N06W39	262	0110	H	02	02	ALPHA
0236	N14W31	254	0320	D	10	12	BETA GAMMA
0241	N21E23	200	0100	H	01	01	ALPHA
0245	S15E29	194	0050	C	01	02	BETA
0247	S12E46	177	0120	C	04	06	BETA
0248	N12E57	166	0160	H	02	01	ALPHA

IA. NONE.

II. NONE.

III. AREAS OF SPECIAL INTEREST-
REGION 247, OSO-7 INDICATES HOT CORONA.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 290600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 272A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 29 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ALL
REGIONS APPEAR STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

NNNN

KBOU Q

HFUS 1 BOU 291301

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 272B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 29 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 12 HOURS.

REGION 248 (S15E53) PRODUCED A SUB NORMAL FLARE AT 0448Z.

REGION 247 (S12E40) HAS SHOWN SLIGHT GROWTH AND OCCASIONAL POINT
BRIGHTENINGS. OTHER REGIONS HAVE BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS.
NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 29 SEP-01 OCT

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEP 118

PREDICTED 29 SEP-01 OCT 116/115/113

90-DAY MEAN 28 SEP 091

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 SEP 07

ESTIMATED 28 SEP 04

PREDICTED 29 SEP-01 OCT 04/06/06

SPAN

BT

NNNN

KBOU

HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 272

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 SEPTEMBER 1973.

IA. SOLAR ACTIVITY REMAINS LOW. A SN/C4 AT 1557Z IN REGION 236
(N15W44) HAS BEEN THE MOST ENERGETIC EVENT. ANOMOLOUS POLES
REMAIN WEST AND SOUTH OF THE LEADER OF REGION 236. SLOW GROWTH
CONTINUES IN REGION 247 (S12E35).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH ONLY A SLIGHT
CHANCE OF A LOW LEVEL CLASS M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET. IT IS EXPECTED
TO BECOME UNSETTLED AND REMAIN SO FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 SEP - 02 OCT.

CLASS M 25/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 SEP 116

PREDICTED 30 SEP - 02 OCT 113/111/110

90-DAY MEAN 29 SEP 091

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 SEP 04

ESTIMATED 29 SEP 03

PREDICTED 30 SEP - 02 OCT 09/12/09

SOLTERWARN

SPAN

BT