

**Institute of Astronomy
ETH Zurich**

RAG Observatory Bleien

Daedalus Spectrometer

Observation List

1976

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: January Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Jan.	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*		
	START	END		DECIMETRIC BAND			METRIC BAND						
				START	END	INT	START	END	INT				
1	0735	1526	DURN	-									
2	0735	1526	DURN	-									
3	0746	1526	DURN	-									
4	0735	1526	DURN	-									
5	0735	1000	DURN	-									
6	0735	1526	DURN	-									
7	0732	1530	DURN	-									
8	0732	1530	DURN	-									
9	0731	1530	DURN	-									
10	0731	1530	DURN	-									
11	0731	1530	DURN	-									
12	0731	1530	DURN	-			0813.2	0814.2	2		III GG		
			DURN	-			0819.5	0823.9	1		III GG		
			DURN	-			0947.8	0949.3	1		III G		
			DURN	-	1355.2	1355.3	1	1355.9	1356.0	1		III G	
13	0731	1535	DURN	-			0731 E	1535 D	1		I DC		
14	0731	1535	DURN	-	0748.1	0748.3	2				III G		
			DURN	-	0828.2	0828.5	2				III G		
			DURN	-	0917.7	0917.9	1				III G		
			DURN	-	0922.2	0923.8	1				III G,G		
			DURN	-	1040.4	1040.9	1				III G		
			DURN	-	1045.4	1046.6	1	1045.5	1045.6	1		III G, RS	
			DURN	-	1155.5	1159.0	1				III G		
			DURN	-	1205.3	1205.8	1	1205.3	1205.8	1		III G	
			DURN	-	1338.8	1341.5	1	1339.7	1341.5	1		III G	
15	0731	1535	DURN	-									
16	0731	1535	DURN	-									
17	0731	1535	DURN	-									
18	1006	1535	DURN	-	1132.5	1133.3	1	1131.0	1134.6	2		III G	
			DURN	-	1347.7	1349.0	1	1347.7	1349.6	1		III G	
19	0730	1535	DURN	-			0730 E	1535 D	1		I N, DC		
			DURN	-			1138.6	1140.0	1		III G		
			DURN	-	1145.5	1145.7	1	1145.5	1146.5	1		III G	
			DURN	-			1307.1	1307.5	1		III G		
20	0729	1535	DURN	-	0729 E	1535 D	1	0729 E	1535 D	1		I N	
			DURN	-			1207.5	1208.2	1		III G		
21	0729	1550	DURN	-									
22	0729	1327	DURN	-									
23	0729	1550	DURN	-									
24	0729	1553	DURN	-									
25	0727	1142	DURN	-									
26	0726	1553	DURN	-									
27	0726	1556	DURN	-									
28	0725	1556	DURN	-									
29	1239	1556	DURN	-									
30	0720	1605	DURN	-									
31	0718	1605	DURN	-									

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION
 Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: February Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute
 of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

FEB	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	
	START	END		DECIMETRIC BAND			METRIC BAND				
				START	END	INT	START	END	INT		
1	0717	1605	DURN	-							
2	0716	1605	DURN	-							
3	0715	1605	DURN	-							
4	0714	1605	DURN	-							
5	0714	1605	DURN	-							
6	0714	1434	DURN	-							
7	1440	1605	DURN	-							
	0714	1432	DURN	-							
7	1435	1605	DURN	-							
	0714	1610	DURN	-							
9	0705	1614	DURN	-							
10	0704	0747	DURN	-							
	1444	1616	DURN	-							
11	0703	1620	DURN	-							
12	0702	1615	DURN	-							
13	0657	1620	DURN	-							
14	0654	1621	DURN	-							
15	0653	1621	DURN	-							
16	0652	1610	DURN	-							
17	0709	1625	DURN	-							
18	0648	1625	DURN	-							
19	0647	1630	DURN	-							
20	0645	1630	DURN	-							
21	0645	1632	DURN	-							
22	0642	1523	DURN	-							
	1531	1635	DURN	-							
24	0641	1635	DURN	-							
	0641	1635	DURN	-							
25	0640	1635	DURN	-							
26	0637	1638	DURN	-							
27	0635	1650	DURN	-							
28	0636	0838	DURN	-							
	0846	1650	DURN	-							
29	0634	1650	DURN	-							
			DURN	-							
			DURN	-							
			DURN	-							
			DURN	-							
			DURN	-							

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION
Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: March Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute
of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

March	TIME OF OBSERVATION		STATION	EVENTS (UT)							SPECTRAL TYPE	
	START	END		* DECIMETRIC BAND			* METRIC BAND					
				START	END	INT	START	END	INT			
1	0630	1650	DURN	-								-
2	0630	1650	DURN	-								-
3	0628	1650	DURN	-								-
4	0630	1652	DURN	-								-
5	0625	0829	DURN	-								-
	1050	1654	DURN	-								-
6	0623	1651	DURN	-								-
7	0621	1651	DURN	-								-
8	0628	1654	DURN	-								-
9	0617	0622	DURN	-								-
	0633	1654	DURN	-								-
10	0614	1651	DURN	-								-
11	0609	1654	DURN	-								-
12	0608	1654	DURN	-								-
13	0607	1651	DURN	-								-
14	0606	0709	DURN	-								-
	0716	1653	DURN	-								-
15	0603	1653	DURN	-								-
16	0602	1714	DURN	-								-
17	0555	1717	DURN	-								-
18	0552	1718	DURN	-								-
19	0550	0615	DURN	-								-
	0633	1721	DURN	-				1130	1721 D	1		I N
20	0548	1728	DURN	-				0548 E	1728 D	1		I N
			DURN	-	0750.1	0750.6	2					III G
			DURN	-	0753.2	0753.2	1					III
			DURN	-	1003.8	1004.2	1	10.04.0	10.04.2	1		III G
21	0546	1729	DURN	-	0546 E	1729 D	2	0546 E	1729 D	2		I N
			DURN	-	0756.4	0759.5	1	0756.4	0759.5	2		III GG
22	0550	1730	DURN	-	0807.4	0809.7	3					III G
23	0546	1637	DURN	-	0841.3	0856	2	0841.6	0858	2		IV
			DURN	-	0841.3	0847.0	2	0841.3	0847.0	2		III GG
			DURN	-	0951.2	0951.6	1					III G, RS
			DURN	-	1023.7	1030.7	1					III G
			DURN	-				1250.4	1250.7	1		III G
			DURN	-	1549.1	1549.2	1	1549.1	1549.2	1		III, RS
24	0621	1730	DURN	-	1233.3	1233.3	1					III
			DURN	-	1525.7	1526.2	1	1525.7	1526.1	1		III G
			DURN	-	1652.2	1652.2	1	1652.2	1652.2	1		III
			DURN	-	1659.0	1659.4	2	1659.0	1659.4	2		III G
			DURN	-				1707.5	1707.7	1		III G

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month:

March

Year:

1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

March	TIME OF OBSERVATION		STATION	EVENTS (UT)							SPECTRAL TYPE				
				DECIMETRIC BAND			METRIC BAND								
	START	END		*	START	END	INT	START	END	INT		*			
25	0541	1730	DURN	-	0541 E	1730 D	3	0541 E	1730 D	3	-	IC, N, DC	-		
			DURN	-	0611.1	0612.9	3				-	III GG	-		
			DURN	-	0703.3	0705.8	3				-	III GG	-		
			DURN	-	1140	1450	3	1140	1450	3	-	IV	-		
			DURN	-	1715.5	17.19.7	3				-	III GG	-		
26	0540	1730	DURN	-	0540 E	1730 D	3	0540 E	1730 D	3	-	IC, N, DC	-		
			DURN	-	0933.2	0933.3	3	0933.2	0933.3	3	-	III G	-		
			DURN	-	1038.5	1039.7	3	1038.5	1039.0	3	-	III G	-		
			DURN	-	1146.4	1146.5	3	1146.4	1146.5	3	-	III	-		
			DURN	-	1241.1	1241.3	3	1241.1	1241.3	3	-	III G	-		
			DURN	-	1341.2	1341.8	3	1341.2	1341.8	3	-	III G	-		
			DURN	-	1441.6	1444.6	3	1441.6	1444.6	3	-	III GG	-		
27	0538	1730	DURN	-	0538 E	1730 D	3	0538 E	1730 D	3	-	IC, N, DC	-		
			DURN	-	1031.1	1031.4	3	1031.1	1031.4	3	-	III G	-		
			DURN	-	1203.2	1208.5	3	1203.2	1208.5	3	-	III GG	-		
			DURN	-	1438.6	1438.8	3	1438.6	1438.8	2	-	III G	-		
28	0536	1424	DURN	-	0536 E	1424 D	3	0536 E	1424 D	3	-	IC, N, DC	-		
			DURN	-	0553.3	0558.1	2	0555.2	0558.1	1	-	III GG, RS	-		
			DURN	-	0601.2	0603.3	1	0601.2	0603.3	1	-	III G	-		
			DURN	-	0606.6	0608.6	2	0606.6	0608.6	2	-	III G	-		
			DURN	-	0741.6	0743.1	2	0741.6	0743.2	3	-	III G	-		
			DURN	-	0745.4	0748.2	2	0745.4	0748.2	3	-	III G	-		
			DURN	-	0830.5	0830.7	2	0830.5	0830.7	3	-	III G	-		
			DURN	-	0832.2	0833.2	3	0832.2	0833.2	3	-	III G	-		
			DURN	-	0834.5	0834.7	1	0834.5	0834.7	2	-	III G	-		
			DURN	-	0938.1	0938.3	3	0938.1	0938.3	3	-	III G	-		
	DURN	-	0940.5	0940.8	3				-	III G	-				
	DURN	-	0940	1300	3	0940	1300	3	-	IV	-				
	DURN	-	1342.7	1343.1	3	1342.7	1343.1	3	-	UNCLF	-				
	1432	1739	DURN	-	1432 D	1739 E	3	1432 D	1739 E	3	-	IC, N	-		
			DURN	-	1538.7	1538.8	2				-	III	-		
			DURN	-	1737.4	1737.8	3	1737.4	1737.8	3	-	III G	-		
			29	0535	1739	DURN	-	0535 D	1739 E	3	0535 D	1739 E	3	-	IC, N, DC
DURN						-	0559.9	0501.0	1	0559.9	0601.0	2	-	III G	-
DURN						-				0631.2	0631.3	2	-	III G	-
DURN						-	0720.6	0720.8	1	0720.6	0720.8	2	-	III G	-
DURN	-	0725.0				0726.0	1	0725.0	0726.0	1	-	III G	-		
DURN	-	0908.8				0909.9	3				-	III G	-		
DURN	-	1042.6	1043.7	3	1042.6	1043.7	2	-	III G	-					
DURN	-				1046.0	1048.8	3	-	III GG	-					
DURN	-	1057.5	1058.0	1	1057.5	1058.0	1	-	III G	-					

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

Month: April Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

	TIME OF OBSERVATION		STATION	EVENTS (UT)							SPECTRAL TYPE		
				DECIMETRIC BAND			METRIC BAND						
	START	END			START	END	INT	START	END	INT			
1	0530	1741	DURN	-	0530 D	1741 E	3	0530 D	1741 E	3	-	IC, N, DC	
			DURN	-	0536.0	0536.1	1	0536.0	0536.1	1	-	III	
			DURN	-	0623.5	0623.5	1	0623.5	0623.5	2	-	III G	
			DURN	-	0742.5	0742.5	1					-	III, RS
			DURN	-	1119.0	1120.0	3	1119.0	1120.0	3	-	III G	
			DURN	-	1322.2	1322.3	1	1322.2	1322.3	2	-	III G	
			DURN	-	1520.8	1521.3	3	1520.9	1521.3	3	-	III G	
			DURN	-	1536.7	1536.9	3	1536.7	1536.9	3	-	III G	
			DURN	-	1539.1	1539.1	1	1539.0	1539.1	1	-	III G	
			DURN	-	1644.3	1644.4	1	1644.3	1644.4	1	-	III	
			DURN	-	1705.6	1705.6	2	1705.6	1705.6	1	-	III	
			2	0529	0612	DURN	-				0529 D	0612 E	1
0621	1743	DURN		-	0621 D	1743 E	2	0621 D	1743 E	2	-	IC, DC, N	
3	0528	1744	DURN	-	1030	1744 E		1030	1744 E		-	IW, N	
4	0526	1745	DURN	-	0526 D	1745 E	1	0526 D	1745 E	1	-	IC, N	
5	0525	1746	DURN	-	0817.3	0817.3		0817.3	0817.3		-	III W	
			DURN	-	1622.7	1622.8	2	1622.7	1622.8	2	-	III	
6	0524	0557	DURN	-							-		
	0609	1748	DURN	-	1211.3	1211.8	3	1211.5	1211.7	3	-	III G, RS	
7	0524	1750	DURN	-	1411.2	1413.4	3	1411.2	1413.4	3	-	III GG	
			DURN	-	0822.5	0822.7	1	0822.5	0822.7	1	-	III G	
			DURN	-				1121.8	1121.9		-	III GW	
			DURN	-	1133.0	1133.1	1	1133.0	1133.1	3	-	III RS	
			DURN	-	1711.2	1713.5	1				-	DCIM	
9	0521	1750	DURN	-							-		
	0519	1752	DURN	-							-		
10	0718	1753	DURN	-						-			
11	1454	1754	DURN	-						-			
12	0514	1755	DURN	-						-			
13	0512	1757	DURN	-						-			
14	0511	0550	DURN	-							-		
	0601	0955	DURN	-	0727.6	0727.7	2				-	III	
	1159	1757	DURN	-							-		
15	0509	1755	DURN	-	0950	1755 E	2	1644	1755 E	1	-	IC, N	
16	0508	1757	DURN	-	0833.1	0833.3	2	0833.1	0833.3	3	-	III G	
			DURN	-	1006.5	1006.7	3	1006.5	1006.7	3	-	III G	
			DURN	-	1012.7	1013.2	2	1012.7	1013.2	2	-	III G	
			DURN	-	1028.5	1029.2	3	1028.5	1029.2	3	-	III G	
			DURN	-	1340	1757 E	2	1340	1757 E	1	-	IC, DC, N	
			DURN	-	1429.4	1430.0	3	1429.4	1430.0	2	-	III	
			DURN	-	1642.9	1643.2	3	1642.9	1643.2	3	-	III G	

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

Month: April Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*				
				DECIMETRIC BAND			METRIC BAND								
	START	END		START	END	INT	START	END	INT						
17	0506	1756	DURN	-	1731.2	1731.2	3	1731.2	1731.5	3	-	III G	-		
			DURN	-	1748.6	1748.7	2					-	III	-	
			DURN	-	0506 D	1400	1	0506 D	0800	1			-	IC, DC, N	-
			DURN	-	1313.3	1313.5	1	1313.3	1313.5	1			-	III G	-
18	0505 1010	1002 1754	DURN	-	0810	1002 E							-	I, W, N	-
			DURN	-				1051.1	1051.4	2			-	III G	-
			DURN	-	1110	1754 E	1	1740	1754 E	1			-	I, DC, N	-
19	0504	1756	DURN	-	1413.7	1413.8	1	1413.7	1413.8	1			-	III G, U	-
			DURN	-	0504 D	1756 E	2	1030	1756 E	1			-	IC, DC, N	-
			DURN	-	0829.9	0829.9	1						-	III, RS	-
20	0502	1756	DURN	-	1429.4	1429.4	2						-	III G	-
			DURN	-	0502 D	1756 E	1	0502 D	1756 E	1			-	IC, N	-
			DURN	-	0520.4	0520.5	2	0520.4	0520.5	2			-	III G	-
			DURN	-	0535.1	0535.1	2	0535.1	0535.1	2			-	III	-
			DURN	-	0537.7	0538.1	3	0537.7	0538.1	2			-	III G	-
			DURN	-	0545.4	0550.3	3	0545.4	0550.3				-	III GG	-
			DURN	-	0555.5	0556.0	3	0555.5	0556.0	2			-	III G	-
			DURN	-	0618.0	0633.0	3	0618.0	0633.0	3			-	(III G) G	-
			DURN	-	0652.7	0701.0	3	0652.7	0701.0	3			-	III GG	-
			DURN	-	0713.6	0717.6	3	0714.2	0717.6	3			-	III GG	-
			DURN	-	0734.3	0740.5	1	0734.3	0740.5	1			-	III GG	-
			DURN	-	0757.0	0757.7	1	0757.0	0757.7	3			-	III GG	-
			DURN	-	0810.9	0816.0	2	0812.3	0816.0	1			-	III G	-
			DURN	-	0839.8	0900	3	0839.8	0900	3			-	III GG	-
			DURN	-	0905.2	0910.9	2	0909.3	0910.9	1			-	III G, N	-
			DURN	-	0945.7	1005.1	3	0945.9	1005.1	3			-	III G, N	-
			DURN	-	1103.3	1103.3	1	1102.8	1104.3	1			-	III G	-
			DURN	-	1230.4	1256.3	3	1233.6	1256.3	3			-	(III G) G	-
			DURN	-	1349.3	1349.5		1347.9	1349.5				-	III G, W	-
			DURN	-	1425.6	1426.8	2	1425.5	1426.8	3			-	III G	-
DURN	-	1457.7	1457.7		1457.7	1457.7				-	III W	-			
DURN	-	1536.3	1613.3	3	1536.3	1613.3	3			-	III G, N	-			
DURN	-	1640	1756 E	3	1640	1756 E	3			-	III G, N	-			
21	0500	1755	DURN	-	1746.3	1755.5	3						-	DCIM	-
			DURN	-	0500 D	1755 E	3	0500 D	1755 E	3			-	IC, DC, N	-
			DURN	-	1112	1122	1	1112	1122	1			-	III, N	-
			DURN	-	1523.6	1528.5	3	1521.2	1528.5	3			-	III GG, DCIM	-
			DURN	-	1537.0	1537.5	3						-	III G	-
			DURN	-	1545.7	1549.5	2	1545.7	1549.5	1			-	III G	-
			DURN	-									-		-
			DURN	-									-		-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

Month: April Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

	TIME OF OBSERVATION		STATION	EVENTS (UT)							SPECTRAL TYPE	*			
				DECIMETRIC BAND			METRIC BAND								
	START	END		*	START	END	INT	START	END	INT			*		
22	0459	0807	DURN	-	0459 D	0807 E	3	0459 D	0807 E		-	IC, DC, N	-		
			DURN	-	0531.6	0537.7	3	0531.6	0537.7	2	-	III GG	-		
23	0821	1757	DURN	-	0821 D	1757 E	3	0821 D	1757 E	3	-	IC, DC, N	-		
			DURN	-	0459 D	1757 E	2	0459 D	1757 E	2	-	IC, DC, N	-		
24	0459	1755	DURN	-	0459 D	1755 E	1	0459 D	1755 E	1	-	IC, DC, N	-		
25	0458	1756	DURN	-	0458 D	1756 E	1	0498 D	1756 E	1	-	IC, DC, N	-		
26	0456	0825	DURN	-	0456 D	0825 E	1	0456 D	0825 E	1	-	IC, DC, N	-		
			DURN	-	0839 D	1600		0839 D	1600		-	IC, DC, N, W	-		
2	0456	1755	DURN	-	1225 D	1755 E					-	IC, DC, N, W	-		
28	0453	1757	DURN	-							-		-		
29	0452	1754	DURN	-	0532.1	0532.4	2				-	IC, DC	-		
			DURN	-	1510	1754 E		1510	1754 E		-	I, N, W	-		
30	0450	0558	DURN	-							-		-		
			DURN	-								-		-	
			DURN	-	0754.6	0754.8	2	0754.6	1754.8	2	-	III G	-		
			DURN	-	0813.9	0816.4	2	0813.9	0816.4	2	-	III G	-		
			DURN	-	0839.9	0845.3	2	0839.9	0844.8	2	-	III G, DCIM	-		
			DURN	-	1242.7	1248	3	1242.7	1247.3	3	-	IV	-		
			DURN	-	1252.8	1253.2	1	1252.8	1253.2	1	-	IV	-		
			DURN	-	1257.4	1301.3	3	1257.4	1301.0	3	-	III GG	-		
			DURN	-									-		-
			DURN	-									-		-
			DURN	-									-		-
			DURN	-									-		-
			DURN	-									-		-
			DURN	-									-		-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION
 Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: MAY Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute
 of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

May	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*		
				DECIMETRIC BAND			METRIC BAND						
	START	END		*	START	END	INT	START	END			INT	*
1	0449	1818	DURN	-									
2	0449	1820	DURN	-	0628.3	0628.7	1					III G	-
			DURN	-	0651.6	0652.4	1					III GG	-
3	0447	1812	DURN	-									
4	0447	1823	DURN	-									
5	0446	1825	DURN	-									
6	0444	1826	DURN	-									
7	0444	0910	DURN	-									
			DURN	-	no observations								
9	1601	1832	DURN	-									
10	0441	1833	DURN	-									
11	0440	1834	DURN	-									
12	0439	1835	DURN	-	1246.5	1246.7	1	1246.5	1246.7	1		III G	-
13	0437	0601	DURN	-									
	0612	1835	DURN	-									
14	0435	1833	DURN	-	1502	1739	1	1502	1739	1		IC, N	-
15	0434	1834	DURN	-	0531.2	0531.4	1	0531.2	0532.2	1		III G	-
			DURN	-	0603.9	1659	1	0603.9	0943	1		IC, N	-
			DURN	-	0715.1	0715.9	1	0715.1	0715.9	1			
16	0434	1836	DURN	-	0603.6	0603.8	3	0603.6	0603.7	1		III G	-
			DURN	-	0825.0	0830.0	1					DCIM	-
17	0433	0518	DURN	-									
	1010	1836	DURN	-									
18	0433	1834	DURN	-	0719.3	0719.4	1	0719.3	0719.4	2		III G	-
			DURN	-	0846.3	0846.9		0846.3	0846.9			III G, W	-
			DURN	-				1231.3	1231.3	2		III	-
			DURN	-	1258.6	1300.5	1	1258.5	1300.6	3		III G	-
			DURN	-	1311.4	1311.4	3	1311.4	1311.4	3		III	-
			DURN	-	1356.8	1357.2	3					III G	-
			DURN	-	1401.5	1401.6	2					III R S	-
19	0433	1836	DURN	-									
20	0433	0705	DURN	-									
	1627	1836	DURN	-									
21	0433	1837	DURN	-									
			DURN	-	22 - 26 no observations								
27	1217	1840	DURN	-									
28	0430	1842	DURN	-									
29	0430	1842	DURN	-									
30	0430	1842	DURN	-									
31	0429	0628	DURN	-									
	0636	1842	DURN	-									
			DURN	-									

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION
 Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: June Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute
 of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

June	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*	
	START	END		DECIMETRIC BAND			METRIC BAND					
				START	END	INT	START	END	INT			
1	0429	1842	DURN	-								
2	0428	1842	DURN	-								
3	0427	1527	DURN	-								
	1820	1842	DURN	-								
4	0426	1842	DURN	-								
5	0426	1842	DURN	-								
6	0426	1842	DURN	-								
7	0426	1453	DURN	-								
	1620	1842	DURN	-								
8	0426	1840	DURN	-								
9	0427	1840	DURN	-								
10	0601	1840	DURN	-								
11	0427	0601	DURN	-								
	0615	1825	DURN	-								
12	0427	1825	DURN	-								
13	0427	1820	DURN	-								
14	0427	1745	DURN	-								
	1753	1820	DURN	-								
15	0427	1820	DURN	-	1627.7	1627.8	1	1627.2	1628.0	3	-	III G
16	0427	1820	DURN	-	0507.2	0507.4	3	0507.2	0507.4	3	-	U, III G
17	0427	1820	DURN	-	0552.3	0552.3	1	0552.3	0552.3	1	-	III
			DURN	-				1241.7	1241.7	3	-	III
18	0426	0620	DURN	-	0426 D	0620 E	2	0426 D	0620 E	2	-	I C, D C, N
	0633	1820	DURN	-				1636.6	1636.8	2	-	I
19	0427	1820	DURN	-	0427 D	1820 E		0427 D	1820 E		-	I W, N
20	0427	1820	DURN	-							-	
21	0427	1820	DURN	-							-	
22	0548	1820	DURN	-							-	
23	0428	1820	DURN	-							-	
24	0428	1820	DURN	-							-	
25	0429	1729	DURN	-							-	
26	0755	1820	DURN	-							-	
27	0429	1820	DURN	-							-	
28	0430	1820	DURN	-							-	
29	0430	1746	DURN	-							-	
30	0430	0910	DURN	-							-	
	1112	1818	DURN	-							-	
			DURN	-							-	
			DURN	-							-	
			DURN	-							-	
			DURN	-							-	
			DURN	-							-	

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

Dr. Jony

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: JULY Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

July	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*	
	START	END		DECIMETRIC BAND			METRIC BAND					
				START	END	INT	START	END	INT			
1	0430	1818	DURN	-								
2	0431	1818	DURN	-								
3	0431	1527	DURN	-								
4	0628	1818	DURN	-								
5	0432	1818	DURN	-								
6	0554	1818	DURN	-								
7	0433	1818	DURN	-								
8	0637	1818	DURN	-								
9	0434	1825	DURN	-								
10	0435	1825	DURN	-								
11	0435	1825	DURN	-								
12	0435	1825	DURN	-								
13	0436	1825	DURN	-								
14	0436	1825	DURN	-								
15	0436	0624	DURN	-								
	0634	1825	DURN	-								
16	0437	1825	DURN	-								
17	0436	1825	DURN	-								
18	0436	1825	DURN	-								
19	0550	1825	DURN	-								
20	0436	1825	DURN	-								
21	0440	0835	DURN	-								
	1508	1825	DURN	-								
22	0440	1825	DURN	-								
23	0443	0626	DURN	-								
	0633	1825	DURN	-								
24	0443	1825	DURN	-								
25	0443	1832	DURN	-								
26	0443	1835	DURN	-								
27	0443	0510	DURN	-								
	0616	1835	DURN	-								
28	0444	1835	DURN	-								
29	0445	1835	DURN	-								
30	0445	1835	DURN	-								
31	0446	1843	DURN	-	0446 D	1843 E	1	0446 D	1843 E	1	I, DC, N	
			DURN	-								
			DURN	-								
			DURN	-								
			DURN	-								
			DURN	-								
			DURN	-								
			DURN	-								

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: August Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Aug.	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*		
	START	END		DECIMETRIC BAND			METRIC BAND						
				START	END	INT	START	END	INT				
1	0448	1846	DURN	-	0448 D	1846 E	3	0448 D	1846 E	3	-	IC, DC, N	-
			DURN	-	0646.8	0647.2	3	0646.8	0647.2	3	-	III G	-
2	0448	1842	DURN	-	0448 D	1842 E	3	0448 D	1842 E	3	-	IC, DC, N	-
			DURN	-	0658	0748	3	0658	0748	3	-	DCIM	-
			DURN	-	0953.5	1002.3	3	0953.5	1002.3	3	-	DCIM	-
			DURN	-	1156.5	1157.5	3	1156.4	1157.3	3	-	DCIM	-
			DURN	-	1321.5	1336.2	3	1321.5	1336.2	3	-	DCIM	-
			DURN	-	1807.5	1811.3	3	1807.5	1811.3	3	-	DCIM	-
3	0449	1718	DURN	-	0449 D	1718 E	3	0449 D	1718 E	3	-	IC, DC, DCIM, N	-
4	0605	1839	DURN	-	0605 D	1839 D	3	0605 D	1839 E	3	-	IC, DC, DCIM, N	-
			DURN	-	0910	1014	3	0910	1014	3	-	DCIM	-
5	0450	1837	DURN	-	0450 D	1837 E	3	0450 D	1837 E	3	-	IC, DC, N	-
6	0451	1837	DURN	-	0451 D	1837 E	3	0451 D	1837 E	3	-	IC, DC, DCIM, N	-
			DURN	-	1011.0	1014	3	1011.0	1014	3	-	III GG	-
			DURN	-	1132.7	1139.0	3	1133.3	1136.7	3	-	III GG	-
			DURN	-				1438.1	1438.3		-	III G	-
			DURN	-				1535.5	1538.9	3	-	III GG	-
7	0453	1502	DURN	-	0453 D	1502 E	3	0453 D	1502 E	3	-	IC, DC, DCIM, N	-
			DURN	-	1124.5	1126.2	3	1124.5	1126.2	3	-	III G	-
			DURN	-	1304.5	1304.7	3	1304.5	1304.7	3	-	III G	-
	1511	1837	DURN	-	1511 D	1837 E	3	1511 D	1837 E	3	-	IC, DC, DCIM, N	-
			DURN	-	1511 D	1532	2				-	DCIM	-
			DURN	-	1536.1	1537.1	2	1536.1	1537.1	2	-	III G	-
8	0455	1833	DURN	-	0455 D	1833 E	2	0455 D	1833 E	2	-	IC, DC, N	-
			DURN	-	0729.5	0730.0	2	0729.5	0730.0	2	-	III G	-
9	0455	1829	DURN	-	0455 D	1829 E	2	0455 D	1829 E	2	-	I, N	-
			DURN	-	0722.0	0722.1	3	0722.0	0722.1	3	-	III G	-
			DURN	-				1024.3	1024.4	3	-	III	-
10	0457	1829	DURN	-	0457 D	1829 E	3	0457 D	1829 E	3	-	IC, DC, N	-
			DURN	-	1356.7	1356.9	3				-	DCIM	-
11	0457	1335	DURN	-	0457 D	1335 E	3	0457 D	1335 E	3	-	IC, DC, N	-
12	0621	1828	DURN	-	0621 D	1828 E	2	0621 D	1828 E	2	-	IC, DC, N	-
13	0458	1825	DURN	-	0458 D	1825 E	2	0458 D	1825 E	2	-	IC, DC, N	-
14	0458	1825	DURN	-	0458 D	0905	1	0458 D	0905	1	-	I, N	-
15	0459	1823	DURN	-							-		-
16	0622	1824	DURN	-							-		-
17	0502	1820	DURN	-							-		-
18	0502	1819	DURN	-							-		-
19	0503	1818	DURN	-							-		-
20	0504	0620	DURN	-							-		-
	0651	1813	DURN	-							-		-
			DURN	-							-		-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

Month: September Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Sept	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*		
	START	END		DECIMETRIC BAND			METRIC BAND						
				START	END	INT	START	END	INT				
1	0514	0606	DURN	-	0514 D	0606 E	2	0514 D	0606 E	2	-	IC, DC, N	-
	0615	1750	DURN	-	0615 D	1750 E	2	0615 D	1750 E	2	-	IC, DC, N	-
			DURN	-	0709.9	0747.	3	0709.9	0747.	3	-	IV	-
2	0515	1750	DURN	-							-		-
3	0518	1750	DURN	-	0824.5	0833.4	3	0824.5	0833.4	3	-	III GG	-
			DURN	-	0906.0	0914.8	3	0906.0	0914.8	3	-	III GG	-
			DURN	-	0938	1155	2	0938	1155	2	-	IC, N	-
			DURN	-	1401.5	1401.7	3	1401.6	1401.7	1	-	III G	-
4	0519	1745	DURN	-	0716.1	0718.1	3	0716.1	0718.1	3	-	III GG, RS	-
			DURN	-	0727.3	0730.	3	0727.3	0730	3	-	III G, RS	-
			DURN	-	0730	1057	2	0730	1057	2	-	IC, N	-
			DURN	-	0809.6	0809.7	2	0809.6	0809.7	2	-	III G	-
			DURN	-	0815.7	0816.5	3	0815.7	0816.5	3	-	III G	-
			DURN	-	1035.0	1035.2	2	1035.0	1035.2	3	-	III G	-
			DURN	-	1041.3	1041.4	2	1041.3	1041.4	2	-	III G	-
			DURN	-	1046.8	1052.7	3	1047.7	1052.7	3	-	III GG, RS	-
5	0519	0638	DURN	-							-		-
	0833	1744	DURN	-	1329.4	1329.6	3	1329.4	1329.6	3	-	III G	-
6	0519	1742	DURN	-	0520 D	1742 E	1	0520 D	1742 E	1	-	IC, DC, N	-
7	0520	1742	DURN	-	0520 D	1742 E	2	0520 D	1742 E	2	-	IC, DC, N	-
8	0520	1740	DURN	-							-		-
9	0521	1521	DURN	-				1430.9	1431.2	3	-	DCIM	-
10	0539	1732	DURN	-	0539 D	1732 E		0539 D	1732 E		-	IW, N	-
11	0523	1729	DURN	-	0523 D	1729 E	1	0523 D	1729 E	1	-	IC, DC, N	-
12	0523	1724	DURN	-							-		-
13	0524	1724	DURN	-							-		-
14	0524	0618	DURN	-							-		-
	0626	1720	DURN	-							-		-
15	0529	1720	DURN	-							-		-
16	0529	1718	DURN	-	0602.	0605.	3	0602.	0605.	3	-	III GG	-
17	0529	1718	DURN	-							-		-
18	0529	0751	DURN	-							-		-
	0808	1718	DURN	-							-		-
19	0531	1715	DURN	-							-		-
20	0531	1715	DURN	-							-		-
21	0533	1715	DURN	-							-		-
22	0535	1712	DURN	-							-		-
23	0536	0608	DURN	-							-		-
	0630	1710	DURN	-							-		-
24	0536	1710	DURN	-	0757.2	0757.3	3	0757.2	0757.3	3	-	III	-
			DURN	-	0758.7	0758.8	1	0758.7	0758.7	3	-	III, RS	-
25	0536	1705	DURN	-	0538.8	0539.4	2	0538.8	0539.3	1	-	IC, N	-
			DURN	-	0609.7	0610.4	2	0610.2	0610.4	1	-	III G, RS	-
26	0536	1705	DURN	-							-		-
27	0538	1622	DURN	-							-		-
28	0540	1700	DURN	-							-		-
29	0540	1700	DURN	-							-		-
30	0545	1655	DURN	-							-		-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION
 Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: November Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute
 of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Nov.	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE	*	
	START	END		DECIMETRIC BAND			METRIC BAND					
				START	END	INT	START	END	INT			
1	0625	1600	DURN	-								-
2	0627	1600	DURN	-								-
3	0627	1555	DURN	-								-
4	0642	1555	DURN	-								-
5	0630	1550	DURN	-								-
6	0630	1550	DURN	-								-
7	0630	1053	DURN	-								-
8	0635	1545	DURN	-								-
9	0635	1545	DURN	-								-
10	0635	1545	DURN	-								-
11	0635	1545	DURN	-								-
12	0635	1027	DURN	-								-
	1039	1545	DURN	-								-
13	0635	1545	DURN	-								-
14	0635	1545	DURN	-								-
15	0635	1539	DURN	-								-
16	0645	1537	DURN	-								-
17	0650	1535	DURN	-								-
18	0653	1532	DURN	-	1112.7	1112.7	2	1112.7	1112.7	3	III	-
			DURN	-	1141.9	1143.7	1	1141.9	1143.7	1	III GG	-
19	0655	1445	DURN	-	0852.5	0853.0	2	0852.5	0853.0	3	III G	-
			DURN	-	1117.1	1119.3	2	1117.1	1119.3	3	III G	-
			DURN	-	1119	1210		1119	1210		IW,N	-
			DURN	-	1207	1445	3	1207	1445	3	IC,DC,DP,N	-
20	0850	1525	DURN	-				0952.4	0952.9	3	III G	-
			DURN	-	0950	1323		0950	1323	1	I,N	-
			DURN	-	1218.6	1218.7	2	1218.6	1218.7	2	III	-
			DURN	-				1232.0	1232.1	1	III G	-
			DURN	-				1330.3	1330.3	2	III	-
21	0702	1523	DURN	-	0702 D	1523 E	3	0702 D	1523 E	3	I,DC,DP,N	-
			DURN	-	0856.8	0856.9	1	0856.8	0856.9	1	III G	-
			DURN	-				1418.2	1418.2	1	III	-
22	0705	1522	DURN	-								-
23	0705	1520	DURN	-								-
24	0705	1520	DURN	-	0757	1520	1	0757	1520	1	I,DC,N	-
25	0708	1517	DURN	-								-
26	0710	1517	DURN	-	1110	1328					IW,N	-
27	0713	1515	DURN	-								-
28	0906	1515	DURN	-								-
29	0713	1512	DURN	-								-
30	0713	1512	DURN	-								-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month:

October

Year:

1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Oct.	TIME OF OBSERVATION		STATION	*	EVENTS (UT)						SPECTRAL TYPE	*	
	START	END			DECIMETRIC BAND			METRIC BAND					
					START	END	INT	START	END	INT			
1	0545	1650	DURN	-				1151.5	1152.3	3	-	III G	-
2	0545	1553	DURN	-	0550 D	0558	3	0550 D	0558	2	-	IC, DC, N	-
	1640	1645	DURN	-	1640 D	1645 E	2	1640 D	1645 E	2	-	IC, DC, N	-
3	0550	1644	DURN	-	0554	0556	1	0554	0556	1	-	I	-
			DURN	-	0917	1644 E	1	0917	1644 E	1	-	I, DC, N	-
4	0553	1642	DURN	-	0918	0940	1	0918	0940	1	-	I, DC, N	-
5	0554	1641	DURN	-							-		-
6	0555	1639	DURN	-	0817	0828	1	0817	0828	1	-	IC, DC, N	-
7	0557	0618	DURN	-							-		-
	0630	1638	DURN	-							-		-
8	0600	1635	DURN	-							-		-
9	0603	1633	DURN	-							-		-
10	0604	1631	DURN	-							-		-
11	0605	1629	DURN	-							-		-
12	0616	1628	DURN	-							-		-
13	0608	1625	DURN	-							-		-
14	0608	1623	DURN	-							-		-
15	0608	1618	DURN	-	0629.2	0629.6	1				-	III G	-
			DURN	-	0900.7	0900.8		0900.8	0900.8		-	III, W	-
			DURN	-	0910.2	0910.2	1	0910.2	0910.2	1	-	III	-
16	0609	1616	DURN	-							-		-
17	0742	1614	DURN	-	1227.9	1230.2	2				-	DCIM	-
18	0612	1612	DURN	-							-		-
19	0613	1610	DURN	-							-		-
20	0614	1610	DURN	-							-		-
21	0616	0812	DURN	-							-		-
22	0620	1608	DURN	-							-		-
23	0620	0659	DURN	-							-		-
	0709	1608	DURN	-							-		-
24	0620	1606	DURN	-							-		-
25	0620	1604	DURN	-							-		-
26	0621	1604	DURN	-	0621 D	0747	1	0621 D	0747	1	-	IC, DC, N	-
			DURN	-	1257.0	1257.3	3	1257.0	1257.3	3	-	III G	-
			DURN	-	1258.3	1258.5	3	1258.3	1258.5	3	-	III G	-
27	0623	1604	DURN	-							-		-
28	0746	0846	DURN	-	0825.3	0825.5	1	0825.3	0825.5	1	-	III G	-
29			DURN	-	no observations						-		-
30	0625	1603	DURN	-	0630.2	0630.3	3	0630.2	0630.3	3	-	III	-
31	0625	1603	DURN	-							-		-
			DURN	-							-		-
			DURN	-							-		-
			DURN	-							-		-

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

SOLAR RADIO EMISSION

Station: DURNTEN (DURN), 47.28 N, 8.85 E

Month: Dezember Year: 1976

Spectral observations 140 - 1000 MHz

Address: Radio Astronomy Group/Microwave Laboratory/Swiss Federal Institute of Technology/Gloriastrasse 35/CH-8006 Zurich/Switzerland

Dez.	TIME OF OBSERVATION		STATION	EVENTS (UT)						SPECTRAL TYPE		
	START	END		DECIMETRIC BAND			METRIC BAND					
				START	END	INT	START	END	INT			
1	0713	1512	DURN	-								
2	0713	1511	DURN	-								
3	0714	1511	DURN	-								
4	0714	0835	DURN	-								
5	0815	0835	DURN	-								
6	0717	1510	DURN	-								
7	0718	1510	DURN	-								
8	0720	1510	DURN	-	0845.1	0845.2	3	0845.1	0845.2	3	-	III G
			DURN	-				1154.2	1154.4	2	-	III G
			DURN	-	1234.4	1234.6	3	1234.4	1234.6	3	-	III G
			DURN	-	1235.6	1235.9	1	1235.6	1235.9	1	-	III G
9	0720	1510	DURN	-				1122.7	1122.7	1	-	III
10	0722	1510	DURN	-	0837.7	0837.7	2				-	III
11	0722	1508	DURN	-	0945.	1005.	1	0945.	1005.	1	-	I, N
12	0724	1508	DURN	-	0754.1	0754.1	1				-	III, RS
13	0725	1508	DURN	-	0901.9	1250	1	0902	1250	1	-	I, DC, N
14	0725	1508	DURN	-	0827.6	0829.0	3	0827.7	0829.0	3	-	III GG
			DURN	-	0900.	1508 E	1	0900	1508 E	1	-	IC, DC, N
			DURN	-	1021.0	1024.2	3	1021.0	1024.2	3	-	III GG, DCIM
15	0727	1508	DURN	-	0727 D	0743	1	0727 D	0743	1	-	IC, DC, N
			DURN	-	0934.6	0934.7	1	0934.6	0934.7	1	-	III G
			DURN	-				1220.9	1220.9		-	III W
			DURN	-	1501	1508 E	1	1501	1508 E	1	-	I, N
16	0728	1508	DURN	-							-	
17	0729	0841	DURN	-							-	
	1053	1508	DURN	-							-	
18	0730	0942	DURN	-							-	
	0954	1508	DURN	-	1503.5	1508 E	2	1503.5	1508 E	2	-	I, N
19	0730	1508	DURN	-	1025.5	1508 E		1025.5	1508 E		-	IC, N, W
			DURN	-	1109.4	1109.6	3	1109.4	1109.6	3	-	III G
			DURN	-	1454.3	1454.3	3	1454.3	1454.8	3	-	III G
20	0732	1508	DURN	-	0732 D	1508 E		0732 D	1508 E		-	I, DC, W, N
21	0732	1508	DURN	-	0812	0827	1	0812	0827	1	-	I, N
22	0732	1508	DURN	-							-	
23	0732	1508	DURN	-							-	
24	0730	1509	DURN	-							-	
25	0813	1510	DURN	-							-	
26	0730	1511	DURN	-							-	
27	0730	1511	DURN	-	0741.4	0742.2	3	0741.4	0742.2	3	-	III G
			DURN	-	0746.2	0746.7	1	0746.2	0746.7	1	-	III G
			DURN	-	1026.2	1026.5	2	1026.2	1026.5	2	-	III G
			DURN	-	1028.7	1028.9	2	1028.7	1028.9	2	-	III G

* The WDC-format columns CENTIMETRIC BAND, DEKAMETRIC BAND, and REMARKS are not included.

