

GUAN

Station Summary

Report

Larry Griffin
August 22, 2006

GUAN Station Summary Report

Purpose: To Provide a Summary of Upper Air Observations for Active GUAN Stations.

Scope: All Stations for One Month or a Range of Months.

Sequence: In WMO Station Number Order by Region.



Report Column Headings

R	Region,
WMO	WMO Station Number,
STATION	Station Name,
OBS	Total Number of Observations,
LVLS	Total Number of Data Levels,
00Z	Observations between 23Z and 01Z,
12Z	Observations between 11Z and 13Z,
OTH	Observations at other hours,
AVGPRS	Average Pressure at the Sounding Tops,
>100	Observations Reaching 100 hPa,
>50	Observations Reaching 50 hPa,
>10	Observations Reaching 10 hPa,
>5	Observations Reaching 5 hPa,
TEMPS	Total Levels with Air Temperatures,
DPD	Total Levels with Dew Point Depressions,
WINDS	Total Levels with Winds.

Sample Monthly Report

Summary Of GUAN Stations For 2006 / 07

R	WMO	STATION	OBS	LVLS	00Z	12Z	OTH	AVGPRS	>100	>50	>10	>5	TEMPS	DPDS	WINDS
1	60018	TENERIFE-GUIMAR	57	5837	28	29	0	15.4	57	57	0	0	2571	2571	4371
1	60680	TAMANRASSET, AL	121	7848	30	31	60	73.0	105	96	0	0	3932	2103	5418
1	61052	NIAMEY-AERO, NIGER	125	11604	31	31	63	40.3	120	115	0	0	5719	3074	7912
1	61641	DAKAR/YOFF, SENEGAL	74	4145	29	30	15	184.0	57	44	0	0	1887	1012	3119
1	61901	ST. HELENA ISLAND	21	2353	0	21	0	21.8	21	20	0	0	1383	1383	1349
1	61902	ASCENSION IS./WIDEAWAKE	19	2136	0	1	18	42.6	16	16	0	0	1190	697	1230
1	61976	SERGE FROLOW	30	1695	0	30	0	70.3	26	26	1	0	1044	599	1073
1	61995	VACOAS, MAURITIUS	64	2158	30	2	32	179.2	23	16	1	0	804	439	1694
1	61996	MARTIN DE VIVIES	28	1204	0	28	0	116.7	23	22	0	0	822	421	798
1	61998	PORT-AUX-FRANCAIS	31	1286	0	31	0	41.2	31	28	0	0	944	459	812
1	62414	ASSWAN, EGYPT	30	1789	30	0	0	30.1	30	28	0	0	1101	688	1128
1	63450	ADDIS ABABA, ETHIOPIA	27	1669	0	25	2	83.5	25	22	0	0	890	405	1068
1	63741	NAIROBI/DAGORETTI	21	2730	21	0	0	21.5	20	19	12	0	1605	1605	1515
1	63894	DAR ES SALAAM, TANZ	23	890	0	23	0	60.3	23	12	0	0	640	366	554
1	63985	SEYCHELLES IAP	60	5954	28	32	0	34.1	56	53	1	0	3661	2340	3414
1	64910	DOUALA OBS, CAMEROON	56	3990	27	28	1	74.5	48	35	1	0	1692	921	2636
1	65578	ABIDJAN, COTE D'IVOIRE	7	430	2	4	1	166.1	5	2	1	0	223	147	284
1	67083	ANTANANARIVO/IVATO	117	5862	30	29	58	361.2	61	55	1	0	2204	1180	4544

Database Format (.csv)

1,60018,TENERIFE-GUIMAR	, 57,	5837,	28,	29,	0,	15.4,	57,	57,	0,	0,	2571,	2571,	4371
1,60680,TAMANRASSET, AL	, 121,	7848,	30,	31,	60,	73.0,	105,	96,	0,	0,	3932,	2103,	5418
1,61052,NIAMEY-AERO, NIGER	, 125,	11604,	31,	31,	63,	40.3,	120,	115,	0,	0,	5719,	3074,	7912
1,61641,DAKAR/YOFF, SENEGAL	, 74,	4145,	29,	30,	15,	184.0,	57,	44,	0,	0,	1887,	1012,	3119
1,61901,ST. HELENA ISLAND	, 21,	2353,	0,	21,	0,	21.8,	21,	20,	0,	0,	1383,	1383,	1349
1,61902,ASCENSION IS./WIDEAWAKE	, 19,	2136,	0,	1,	18,	42.6,	16,	16,	0,	0,	1190,	697,	1230
1,61976,SERGE FROLOW	, 30,	1695,	0,	30,	0,	70.3,	26,	26,	1,	0,	1044,	599,	1073
1,61995,VACOAS, MAURITIUS	, 64,	2158,	30,	2,	32,	179.2,	23,	16,	1,	0,	804,	439,	1694
1,61996,MARTIN DE VIVIES	, 28,	1204,	0,	28,	0,	116.7,	23,	22,	0,	0,	822,	421,	798
1,61998,PORT-AUX-FRANCAIS	, 31,	1286,	0,	31,	0,	41.2,	31,	28,	0,	0,	944,	459,	812
1,62414,ASSWAN, EGYPT	, 30,	1789,	30,	0,	0,	30.1,	30,	28,	0,	0,	1101,	688,	1128
1,63450,ADDIS ABABA, ETHIOPIA	, 27,	1669,	0,	25,	2,	83.5,	25,	22,	0,	0,	890,	405,	1068
1,63741,NAIROBI/DAGORETTI	, 21,	2730,	21,	0,	0,	21.5,	20,	19,	12,	0,	1605,	1605,	1515
1,63894,DAR ES SALAAM, TANZ	, 23,	890,	0,	23,	0,	60.3,	23,	12,	0,	0,	640,	366,	554
1,63985,SEYCHELLES IAP	, 60,	5954,	28,	32,	0,	34.1,	56,	53,	1,	0,	3661,	2340,	3414
1,64910,DOUALA OBS, CAMEROON	, 56,	3990,	27,	28,	1,	74.5,	48,	35,	1,	0,	1692,	921,	2636

Sample Six-month Report

Summary Of GUAN Stations For 2006 / 02 - 2006 / 07

R	WMO	STATION	OBS	LVLS	00Z	12Z	OTH	AVGPRS	>100	>50	>10	>5	TEMPS	DPDS	WINDS
1	60018	TENERIFE-GUIMAR	323	32985	160	163	0	19.8	321	313	2	0	14722	14722	24511
1	60680	TAMANRASSET, AL	717	33165	180	180	357	223.3	452	381	0	0	15867	7871	23504
1	61052	NIAMEY-AERO, NIGER	606	48794	175	173	258	52.0	551	514	0	0	23913	12397	34047
1	61641	DAKAR/YOFF, SENEGAL	481	19181	164	169	148	229.1	307	222	0	0	8803	4495	14849
1	61901	ST. HELENA ISLAND	123	14213	0	123	0	20.2	123	121	0	0	8318	8309	8164
1	61902	ASCENSION IS./WIDEAWAKE	78	9141	0	12	66	30.9	71	70	7	0	5084	2820	5255
1	61976	SERGE FROLOW	169	9601	0	169	0	57.0	159	159	1	0	6099	3501	6050
1	61995	VACOAS, MAURITIUS	353	10727	171	9	173	173.0	129	62	6	0	3405	2220	8712
1	61996	MARTIN DE VIVIES	156	7604	0	156	0	83.4	141	128	0	0	5027	2863	4937
1	61998	PORT-AUX-FRANCAIS	179	8122	0	178	1	46.4	172	154	0	0	5728	2944	5104

.
. .
.

R	WMO	STATION	OBS	LVLS	00Z	12Z	OTH	AVGPRS	>100	>50	>10	>5	TEMPS	DPDS	WINDS
2	20674	OSTROV DIKSON, RUSS FED	341	14697	171	170	0	63.2	279	213	13	0	10675	5199	8865
2	23472	TURUHANSK, RUSS FED	328	13708	165	163	0	75.9	276	170	2	0	8383	7954	10140
2	23921	IVDEL', RUSS FED	359	17877	178	181	0	48.7	322	267	13	2	10917	10863	12784
2	24266	VERHOJANSK, RUSS FED	349	15963	174	175	0	91.6	280	136	2	0	9267	9116	11569
2	27459	NIZHNIJ NOVGOROD, RF	358	18913	179	179	0	40.1	337	289	6	0	10144	10138	14442
2	28698	OMSK, RUSS FED	179	5300	0	179	0	102.3	121	36	0	0	4223	2497	3232
2	29862	HAKASSKAYA, RUSS FED	359	12653	178	181	0	54.0	322	253	5	0	9654	9209	9165
2	30230	KIRENSK, RUSSIAN FED	328	16418	165	162	1	48.7	304	233	3	0	8746	8627	12606
2	31088	OHOTSK, RUSS FED	362	17069	180	181	1	71.2	308	152	0	0	10138	10041	12374
2	32540	PETROPAVLOVSK, RUSS FED	361	19021	180	181	0	56.8	317	219	1	0	11168	11044	13502
2	35121	ORENBURG, RUSSIAN FED	360	19261	180	180	0	39.8	337	295	17	0	11661	11257	13683

Sample Long-term Report

GUAN Stations For 2001 / 10 - 2006 / 07

R	WMO	YEAR	MO	STATION	OBS	LVL5	00Z	12Z	OTH	AVGPRS	>100	>50	>10	>5	TEMPS	DPDS	WINDS
1	60018	2002	12	TENERIFE-GUIMAR	51	3822	25	26	0	83.1	44	41	0	0	1856	1856	2732
1	60018	2003	01	TENERIFE-GUIMAR	58	4868	27	30	1	48.1	55	51	0	0	2241	2241	3600
1	60018	2003	02	TENERIFE-GUIMAR	56	5462	28	28	0	21.3	56	53	0	0	2373	2373	4130
1	60018	2003	03	TENERIFE-GUIMAR	64	5998	33	31	0	49.6	60	59	0	0	2691	2691	4427
1	60018	2003	04	TENERIFE-GUIMAR	54	5625	27	27	0	20.9	53	52	0	0	2398	2393	4218
1	60018	2003	05	TENERIFE-GUIMAR	62	6026	31	31	0	34.3	59	57	0	0	2478	2478	4652
1	60018	2003	06	TENERIFE-GUIMAR	61	6154	30	31	0	24.8	61	55	1	0	2487	2487	4761
1	60018	2003	07	TENERIFE-GUIMAR	62	6473	31	30	1	19.1	62	59	0	0	2613	2613	4967
1	60018	2003	08	TENERIFE-GUIMAR	60	5977	30	30	0	18.8	60	59	0	0	2478	2478	4592
1	60018	2003	09	TENERIFE-GUIMAR	56	6015	28	28	0	21.2	55	55	2	0	2359	2359	4709
1	60018	2003	10	TENERIFE-GUIMAR	61	6217	30	30	1	21.7	60	60	0	0	2688	2688	4628
						.											
						.											
						.											
1	60018	2006	04	TENERIFE-GUIMAR	59	6176	30	29	0	14.4	59	59	0	0	2797	2797	4526
1	60018	2006	05	TENERIFE-GUIMAR	59	6076	29	30	0	23.7	58	54	0	0	2665	2665	4521
1	60018	2006	06	TENERIFE-GUIMAR	53	5376	26	27	0	16.6	53	52	1	0	2362	2362	4058
1	60018	2006	07	TENERIFE-GUIMAR	57	5837	28	29	0	15.4	57	57	0	0	2571	2571	4371
1	60680	2001	10	TAMANRASSET, AL	103	3729	26	26	51	228.8	55	39	0	0	1588	818	2870
1	60680	2001	11	TAMANRASSET, AL	75	2469	21	17	37	249.2	36	20	0	0	1248	689	1736
1	60680	2001	12	TAMANRASSET, AL	116	3614	29	29	58	280.9	53	32	0	0	1814	955	2566
1	60680	2002	01	TAMANRASSET, AL	110	3788	28	28	54	213.6	54	41	0	0	1686	829	2852
1	60680	2002	02	TAMANRASSET, AL	94	3642	24	25	45	203.6	50	46	0	0	1668	715	2668
1	60680	2002	03	TAMANRASSET, AL	108	3901	29	25	54	270.7	55	51	0	0	1858	877	2809