



Appendix C  
AUTOMATED WEATHER  
OBSERVATION SYSTEM REPORTS

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**Appendix C**  
**AUTOMATED WEATHER**  
**OBSERVATION**  
**SYSTEM REPORTS**

*F.A.R. Part 150*  
*Noise Compatibility Study Update*  
*Georgetown Municipal Airport*

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This appendix depicts the official surface observation reports from the Georgetown Municipal Airport Automated Weather Observation System (AWOS). These reports dated April 2, 2001 to April 7, 2001 provide bi-hourly weather conditions (wind, visibility, cloud coverage, air temperature, dew point temperature, preferred runway use, barometric pressure, and any additional pertinent observations) present during the field noise measurement program as described in Chapter Three - Aviation Noise.

AWOS Report

Date: 04/02/01

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Altimeter	Remarks
7:00	170/9	10	ovc 013	19	17	18	29.81	—
7:30	160/10-14	✓	✓ ✓	✓	✓	✓	✓	✓
8:00	170/11-15	✓	✓ ✓	✓	✓	✓	✓	✓
8:30	✓/18	9	✓ ✓	✓	18	✓	29.82	✓
9:00	180/10-14	7	ovc 011	20	✓	✓	29.83	✓
9:30	170/9	4	✓ ✓	19	✓	✓	✓	✓
0:00	170/9	4	ovc 011	19	18	18	29.84	
0:30	170/7	1/4	BKN 007	19	18	18	29.84	
1:00	170/9	✓	✓ 008	✓	19	18	29.85	
1:30	170/15-20	4	✓ 009	20	19	18	✓	
2:00	180/18-21	7	✓ 011	21	19	18	29.84	
2:30	✓/13-21	9	ovc 030	22	✓	✓	29.83	✓
1:00	180/13-30	10	FEW 018	22	19	18	29.82	DA 2000
1:30	160/8	9	BKN @ 018	22	18	18	29.82	1900
2:00	160/9	8	ovc @ 018	22	18	18	29.82	1900
2:30	180/08	8	FEW 016	22	19	18	✓	DA 1900
3:00	180/8-16	9	SET 019	23	19	✓	29.78	✓ 2100
3:30	190/12	9	Set @ 020	23	19	18	29.79	2100
4:00	170/14-19	10	FEW @ 020	✓	✓	✓	29.77	✓
4:30	150/12		few @ 022	24	19	18	29.76	2200
5:00	140/10	9	few @ 022	24	19	18	29.75	2200
5:30	140/8	9	few @ 023	24	19	18	29.74	2200
6:00	150/10 14	9	BKN @ 023	24	19	18	29.74	2200
6:30	140/8	9	BKN @ 023	23	19	18	29.75	2200
7:00	150/6	9	few @ 021	23	20	18	29.75	2100
7:30	140/6	9	Set @ 022	23	20	18	29.75	2100
8:00								
8:30								

IND → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36

AWOS Report

Date: 4/3/01

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Altimeter	Remarks
7:00	180/11	7	OVC 013	21	19	18	29.82	—
7:30	190/10	7	BKN 011	✓	✓	✓	29.83	1800
8:00	180/8	5	✓ 013	✓	✓	✓	29.84	✓
8:30	✓/10	✓	✓ 021	22	✓	✓	29.85	1900
9:00	✓/9-17	6	SCT 013	✓	✓	✓	29.86	1800
9:30	180/12-16	5	BKN 013	22	19	18	2987	DA 1900
10:00	170/12-18	6	FEW 015	23	20	18	✓	2000
10:30	170/13-19	✓	✓	✓	✓	✓	✓	✓
11:00	180/14-18	7	BKN 017	23	20	18	2987	✓
11:30	180/12-17	7	BKN 015	✓	✓	✓	✓	✓
12:00	200/9	7	BKN 019	24	20	18	2987	DA 2100
12:30	150/5	✓	OVC 017	23	✓	✓	29.88	2000
1:00	200/3	6	BKN 017	23	21	18	2989	✓
1:30	150/15	5	OVC 025	24	21	18	2987	DA 2100
2:00	150/17	5	OVC 025	23	21	18	2987	DA 2000
2:30	170/06	6	BKN 023	24	21	18	2989	✓ 2100
3:00	180/06	6	BKN 023	24	21	18	2988	DA 2100
3:30	190/07	5	BKN 023	24	21	18	2989	DA 2100
4:00	180/08	7	FEW 022	26	21	18	2987	✓ 2300
4:30	150/06	✓	SCT 022	25	21	18	2986	✓ ✓
5:00	140/06	7	BKN 024/BKN 031	25	21	18	2986	DA 2200
5:30	130/06	7	FEW 031	25	21	11	2983	DA 2300
6:00	280/06	7	FEW 038	24	21	29	2983	DA 2200
6:30	150/05	8	CLR	25	20	18	2983	DA 2300
7:00	CALM	8	CLR	25	20	18	2982	DA 2300
7:30	150/04	7	CLR	24	20	18	2982	DA 2100
8:00	160/06	7	CLR	24	20	18	2982	DA 2100
8:30								

WIND → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36

AW03 Report

Date: 4/4/01

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Allimeter	Remarks
7:00	Cal m	1/4	OVC001	22	21	18	2993	DA 1800
7:30	Cal m	1/4	OVC001	22	22	18	2995	-
8:00	Cal m	1/4	OVC001	22	22	18	2995	-
8:30	150/03	1/2	OVC001	22	22	18	2996	-
9:00	160/05	3	OVC004	22	22	18	2997	-
9:30	150/05	3	BKN 005 OVC016	22	22	18	2998	DA 1800
0:00	110/03	5	FEW 008 BKN 041	22	22	18	2996	DA 1800
0:30	110/05	8	SCT009	23	22	11	2997	DA 1900
1:00	130/07	10	SCT011 BKN 011	24	21	18	2998	DA 2000
1:30	150/06	10	FEW 013 BKN 020-025	24	21	18	2998	DA 2000
2:00	150/07	10	SCT013	24	22	18	2998	✓ ✓
2:30	150/07	10	BKN 015	25	21	18	2997	✓ ✓
1:00	140/09	9	SCT	25	21	18	✓	✓ 2100
1:30	140/09	9	FEW 016/SCT015 BKN 032	25	21	18	2998	DA 2100
2:00	120/08	9	FEW 016					
2:30	130/06	10	SCT018	26	21	11	2995	DA 2200
3:00	120/06	9	SCT018/BKN 041	26	21	11	2994	DA 2200
3:30	110/09	9	FEW 019	✓	✓	11	2993	✓ ✓
4:00	130/07	8	OVC 034	24	21	11	✓	✓ 2100
4:30	160/07	8	FEW 014/OVC028	25	21	18	2992	DA 2200
5:00	150/05	7	OVC036	25	21	18	2992	DA 2200
5:30	140/05	7	OVC040	25	21	18	2991	DA 2200
6:00	130/04	5	FEW 017/BKN 040	25	21	18	2991	DA 2200
6:30	140/05	5	FEW 017/OVC040	24	21	18	2991	DA 2100
7:00	Cal m	5	OVC 038 FEW 023, 028	24	21	18	2991	DA 2100
7:30	160/05	5	FEW 015, SCT 020 BKN 025	24	22	18	2993	DA 2100
8:00	110/04	5	FEW 013, SCT 018 OVC 037	24	22	11	2993	DA 2000
8:30								

NR → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36

AWOS Report

Date: 4 15 14

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Altimeter	Remarks
7:00	140/6	3	OVC 004	21	21	18	29.98	—
7:30	150/6	1 1/4	✓ ✓	✓	✓	✓	✓	✓
8:00	✓/7	1 3/4	✓ 005	✓	✓	✓	30.01	✓
8:30	160/7	2	✓ ✓	✓	✓	✓	✓	✓
9:00	✓/8	✓	✓ ✓	✓	✓	✓	✓	✓
9:30	150/9	4	✓ 008	22	✓	✓	30.03	✓
10:00	160/07	3	BKN 008	22	21	18	3003	—
10:30	150/7-14	10	✓ 011	✓	✓	✓	30.04	✓
1:00	160/7-14	✓	BKN 013	23	21	18	3003	DA 1800
1:30	160/11-15	✓	SCT 014	23	20	18	3004	✓ ✓
2:00	170/11-16	✓	BKN 021	24	19	✓	30.03	1900
2:30	150/11-15	10	FEW 022	25	19	18	3001	2100
1:00	160/12-16	✓	SCT 030	26	19	18	✓	✓
1:30	160/12-17	10	✓ ✓	✓	✓	✓	✓	✓
2:00	150/14	10	SCT 027	✓	✓	18	2999	2200
2:30	140/12-17	10	BKN 030	26	19	18	2998	2200
3:00	150/12-19	✓	✓ ✓	✓	✓	✓	✓	✓
3:30	140/11-19	✓	BKN 030	26	✓	✓	2996	2200
4:00	150/18-18	✓	SCT 032	27	19	✓	2995	2300
4:30	130/11-14	✓	BKN 030	27	20	11	2994	✓
5:00	140/9-17	10	BKN 033	27	19	18	2993	DA 2300
5:30	120/12-16	10	BKN 003	26	19	11	2992	DA 2300
6:00	140/09-14	10	FEW 003	26	19	18	2993	DA 2200
5:30	140/6	10	CLR	26	19	18	2992	DA 2200
7:00	150/07	10	CLR	25	19	18	2992	DA 2200
7:30	140/06	10	CLR	24	19	18	2992	DA 2100
8:00	140/05	10	CLR	24	19	18	2993	DA 2000
8:30								

IND. → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36

May 254-288-9139

AWOS Report

Date: 4/16/01

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Altimeter	Remarks
7:00	160/11-16	10	BKN 016	21	19	18	2989	
7:30	160/11	9	BKN 014 022	21	19	18	2991	
8:00	150/10-15	10	BKN 016	21	18	18	2991	
8:30	150/11-16	10	BKN 016	21	19	18	2991	
9:00	150/11-18	10	OVG 014	21	18	18	2992	
9:30	150/15-22	10	BKN 016 021	22	18	18	2991	DA 1800
0:00	160/16-23	10	BKN 018	22	18	18	2992	DA 1900
0:30	160/13-20	10	BKN 020	22	18	18	2992	✓ 1800
1:00	150/14-20	10	BKN 020 027	24	18	18	2991	DA 2000
1:30	160/16-25	10	BKN 022	24	18	18	✓	✓ 2100
2:00	150/18-24	10	FEW 031 SCT 100	25	17	18	2989	DA 2200
2:30	160/17-27	10	<sup>SCT 100</sup> FEW 036 060	26	18	18	2989	DA 2300
1:00	160/19-25	10	FEW 045	26	17	18	2988	DA 2300
1:30	160/15 27	10	CLR	26	17	18	29.88	DA 2300
2:00	160/18-24	10	FEW 035	26	17	18	29.86	DA 2400
2:30	160/17-27	10	FEW 048	27	17	18	✓	✓ ✓
3:00	150/17-26	10	FEW 035	27	16	18	2984	✓ ✓
3:30	160/18 30	10	few @ 044	27	16	18	29.84	DA 2500
4:00	160/17 26	10	few @ 042	27	16	18	29.82	DA 2500
4:30	170/20 25	10	few @ 042	27	16	18	29.82	" "
5:00	160/13 26	10	few @ 038	26	16	18	29.81	2400
5:30	160/15 24	10	few @ 035	26	17	18	29.82	2300
6:00	150/13 27	10	few @ 038	25	17	18	29.80	2300
6:30	160/16 25	10	Clear	24	17	18	29.81	2200
7:00	160/17 23	10	CLR	24	17	18	29.81	2200
7:30	160/11 20	10	CLR	23	18	18	29.83	2100
8:00								
8:30								

WD → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36

AWOS Report

Date: 4/17/01

Time	Winds	Vis	Sky Cond.	Temp	Dew	RAW	Altimeter	Remarks
7:00	150/05	10	CLR	19	18	18	2995	—
7:30	140/04	8	CLR	19	18	18	2995	—
8:00	140/04	8	CLR	19	18	18	2996	—
8:30	130/05	8	CLR	19	18	18	2996	—
9:00	150/05	9	ScT015	19	18	18	2998	—
9:30	150/05	9	FLW007 ScT017 BKN024	21	18	18	2998	—
10:00	140/9-14	9	BKN014-018	22	18	18	2998	—
10:30	140/7	10	PKN012-020	22	18	18	2998	WIND 12 V 18
11:00	150/08	10	BKN014-023	22	19	18	2998	DA 1800
11:30	160/12-22	10	ScT020 BKN042-065	23	18	18	2999	DA 1800
2:00	170/14-18	10	ScT022 BKN022-060	23	17	18	2999	DA 1800
12:30	160/11-17	10	ScT026 BKN030	24	18	18	2998	DA 2000
1:00	180/14	10	FLW028 ScT035	24	18	18	2998	DA 2000
1:30	150/08-16	10	ScT030 BKN035	24	18	18	2997	DA 2000
2:00	160/9	17	ScT@ 037	25	17	18	2996	2100
2:30	170/13	19	Few@ 034	26	17	18	2995	2200
3:00	170/8	10	BKN@ 035	25	18	18	2995	2100
3:30	180/11	17	BKN@ 037	25	18	18	2993	2100
4:00	160/10	16	BKN@ 037	26	18	18	2992	2200
4:30	180/12	10	BKN@ 037	26	18	18	2991	2200
5:00	150/7	10	BKN@ 037	25	18	18	2991	2200
5:30	150/9	10	BKN@ 037	25	18	18	2990	2200
6:00	160/9	10	PKN@ 037	25	19	18	2991	2200
6:30	150/7	10	Few@ 041	24	19	18	2992	2100
7:00	140/8	10	Few@ 055	24	19	18	2991	2000
7:30	140/7	10	Few@ 055	24	19	18	2991	2000
8:00								
8:30								

IND → RAW || 000 - 130 → 11 | 140 - 240 → 18 | 250 - 320 → 29 | 330 - 050 → 36