

Fair Winds Hot Air Balloon Flights

Subject: Weather 7-14-2023

Hot-Air Balloon Forecast for Colorado
National Weather Service Denver/Boulder, Colorado
0345 MDT Friday, July 14, 2023
Sunrise/Sunset for 07/14/2023
Denver - 05:43:49 MDT / 20:27:41 MDT

Denver/Boulder Aviation Discussion
Issued at 0841 UTC Friday, July 14, 2023

.AVIATION...(For the 06Z TAFS through 06Z Friday night)
Issued at 1131 PM MDT Thu Jul 13 2023
Expect VFR conditions for the period. Skies will continue to clear tonight to mostly clear by morning, with moderate drainage winds overnight. A front is forecast to pass around 14Z in the morning, and winds will turn northerly to northeasterly behind it. Also, some low clouds and temporary MVFR ceilings are possible behind it, but are not considered likely and have not been included in the TAF. Winds will come around northeasterly then easterly through the afternoon and evening. Expect showers in the vicinity by late afternoon or early evening, and some thunder is also possible. Brief gusty outflow is possible with passing showers. Winds are then forecast back at moderate drainage tomorrow evening for the night.

METAR KFNL 140856Z 01005KT 10SM CLR 16/14 A3000
METAR KGXY 140856Z AUTO 36007KT 10SM CLR 16/15 A2998
METAR KLMO 140935Z AUTO 00000KT 10SM CLR 15/09 A3002
METAR KBDU 140935Z AUTO 00000KT 10SM CLR 20/06 A3001
METAR KEIK 140935Z AUTO 00000KT 10SM CLR 16/11 A3001
METAR KBJC 140935Z AUTO 32007KT 10SM CLR 22/03 A3005 RMK AO2 LTG DSNT NE
METAR KDEN 140853Z 22011KT 10SM SCT170 23/14 A3001
METAR KAPA 140853Z 13006KT 10SM CLR 21/13 A3006
METAR KAKO 140853Z AUTO 11008KT 10SM CLR 17/17 A2999
METAR KCOS 140854Z 07004KT 10SM FEW012 FEW160 17/15 A3014 RMK AO2 SLP108
LW CLDS ALG MTN BASES W T01720150 56014
METAR KPUB 140853Z AUTO 07003KT 7SM CLR 19/18 A3002
METAR KGJT 140853Z AUTO 02010KT 10SM CLR 26/M03 A3004
METAR KCYS 140853Z AUTO 28014KT 10SM CLR 19/02 A3005
SPECI KGLD 140901Z AUTO 15006KT 8SM SCT026 BKN038 21/19 A2996

KBJC 140808Z 1408/1506 VRB06KT P6SM FEW090 SCT150
FM140900 25007KT P6SM FEW090 FEW140
FM141400 01012KT P6SM FEW200
FM141900 06011KT P6SM FEW080 SCT150
FM142300 10010KT P6SM VCSH SCT070 BKN200
FM150300 16009KT P6SM VCSH SCT070 BKN150
KDEN 140808Z 1408/1512 20015KT P6SM FEW090 SCT150
FM140900 20011KT P6SM FEW090 FEW150
FM141400 01012KT P6SM FEW200
FM142000 06012KT P6SM FEW100 SCT200
FM150000 10010KT P6SM VCSH SCT080 BKN200
FM150400 16009KT P6SM VCSH SCT080 BKN150
FM150900 19008KT P6SM FEW090 SCT150
KCYS 140520Z 1406/1506 29007KT P6SM SCT150
FM140900 34009KT P6SM FEW150

FM141300 35012G20KT P6SM FEW050
 FM141600 01012G20KT P6SM SKC
 FM142000 01012G20KT P6SM VCTS SCT080CB

Denver/Boulder (KFTG) 07/14/23 09:40 UTC
 Radar VAD winds Height Dir/Spd(kt)

20000	FT	MSL...	232/020
19000	FT	MSL...	250/009
15000	FT	MSL...	350/017
14500	FT	MSL...	336/015
14000	FT	MSL...	328/014
13000	FT	MSL...	321/014
12600	FT	MSL...	322/015
12000	FT	MSL...	315/015
11100	FT	MSL...	324/016
11000	FT	MSL...	318/017
10000	FT	MSL...	330/019
10000	FT	MSL...	331/020
9000	FT	MSL...	319/020
8800	FT	MSL...	322/020
8100	FT	MSL...	314/019
8000	FT	MSL...	307/021
7000	FT	MSL...	279/024
6600	FT	MSL...	266/016
6200	FT	MSL...	252/026
6000	FT	MSL...	250/021
5900	FT	MSL...	248/019

DATA BASED ON 140000Z

VALID 141200Z FOR USE 0900-1800Z. TEMPS NEG ABV 24000

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
MBW		3017	3019+07	2833-08	2930-20	284836	277043	277649	
DEN		3112+19	2814+11	2827-08	2838-17	275532	276142	286451	
PUB		2608+18	3210+12	2925-06	2834-15	274332	274941	275150	