

Nik — Jump #1 @ 7:44:27 AM (MST)

Ground Speed: 146,4 km/h — 91,0 mph (174°)
CSV-File: ...\\16Aug2024\\Nik\\14-23-36.CSV

Skydive Arizona, Eloy
Elev.: 460m — Density Altitude: 4300ft

Verical Speeds (km/h)		@Time
Score	524,62 km/h	23,60 s
max Speed	536,15 km/h	25,20 s

Performance Window		Notes: Exit weight 245lbs.
0,00 s	4378 m	Exit
23,60 s	2098 m	7400ft

Conditions on the Ground

Time Stamp 7:50:59 AM [AXIS]

4000 ft

Density Altitude

1219 m

30.15 in

Pressure

1021 mb

91°F

Temperature

32.7°C

105.0°F

Heat Index

40.6°C

Wind Speed

Wind Direction

Wind Speed

1.8 mph

variable

2.9 km/h

insignificant

Gusts

insignificant

Wind Speed and Gusts over the last hour

t-1h Wind | Gusts Δ<3mph t0

Visibility and Clouds for KCGZ on 16 at 13:56 UTC

Visibility: **10+ / 16.1** (in sm/km)

Clouds: **Sky clear below 12000 / 3660** (in ft/m AGL)

Conditions Aloft

1-h forecast starting 16 Aug 2024, 8:00 AM

Temp. °F	AGL	Wind	AGL	Temp. °C
feels °F	ft	mph Dir kph	m	°C feels
n/a 88	520	2 215° 4	160	31 n/a
n/a 87	690	3 216° 6	210	31 n/a
n/a 85	980	3 212° 6	300	30 n/a
n/a 85	1120	5 213° 7	340	29 n/a
n/a 83	1390	7 216° 11	420	29 n/a
n/a 82	1930	12 229° 19	590	28 n/a
n/a 81	2570	12 248° 19	780	27 n/a
n/a 78	3290	7 280° 11	1000	26 n/a
n/a 77	3560	7 297° 11	1090	25 n/a
n/a 72	5010	8 330° 13	1530	22 n/a
n/a 63	7190	7 342° 11	2190	17 n/a
n/a 56	9050	7 256° 11	2760	14 n/a
39 47	11580	21 171° 33	3530	8 4
18 31	15430	22 170° 35	4700	-1 -8
11 25	17970	20 137° 31	5480	-4 -12
-3 12	21530	13 95° 20	6560	-11 -19

t(exit) = 0	AGL	horDist	Dive°	Speed	Delta 1s		Delta 5s		3 Sec Avg (running Score)
					Dive°	Speed	Dive°	Speed	
1,00	4.368,65	38,95	19,08	48,13	19,08	48,13			
2,00	4.348,36	74,16	35,91	88,16	16,83	40,03			
3,00	4.317,63	105,70	48,77	127,15	12,86	38,99			
4,00	4.276,87	134,29	58,59	163,01	9,83	35,86			
5,00	4.226,61	159,63	66,22	196,88	7,62	33,88	66,2°	196,88	
6,00	4.167,13	181,57	71,89	229,28	5,68	32,40			
7,00	4.098,98	200,34	76,24	259,67	4,35	30,38			
8,00	4.022,36	216,01	79,72	288,22	3,48	28,55			
9,00	3.937,88	228,81	82,59	315,83	2,87	27,61			
10,00	3.846,08	238,39	84,93	341,21	2,34	25,38	18,7°	144,32	
11,00	3.747,14	245,50	86,52	366,98	1,59	25,78			
12,00	3.641,68	250,40	87,82	390,10	1,30	23,11			
13,00	3.530,22	253,31	88,75	411,19	0,94	21,10			
14,00	3.413,14	255,62	89,12	430,02	0,37	18,83			
15,00	3.291,02	256,87	89,38	448,16	0,26	18,14	4,5°	106,96	
16,00	3.164,40	257,87	89,34	461,70	-0,04	13,54			439,92
17,00	3.033,67	259,62	89,15	476,17	-0,19	14,47			456,09
18,00	2.899,49	262,51	88,80	488,59	-0,36	12,42			470,33
19,00	2.761,88	265,52	88,63	500,15	-0,17	11,56			483,40
20,00	2.621,31	268,53	88,85	510,16	0,22	10,01	-0,5°	61,99	495,13
21,00	2.478,30	270,96	89,09	518,51	0,24	8,35			505,67
22,00	2.333,15	273,74	88,84	525,17	-0,25	6,66			514,57
23,00	2.186,78	275,43	89,76	527,58	0,92	2,41			521,35
24,00	2.039,43	275,97	89,71	531,40	-0,05	3,82			526,42
25,00	1.891,14	278,46	88,64	535,32	-1,08	3,92	-0,2°	25,16	530,21

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feels °F	ft	mph	Dir	kph	m	°C	feels	
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n/a	87	690	3	216°	6	210	31	n/a
n/a	85	980	3	212°	6	300	30	n/a
n/a	85	1120	5	213°	7	340	29	n/a
n/a	83	1390	7	216°	11	420	29	n/a
n/a	82	1930	12	229°	19	590	28	n/a
n/a	81	2570	12	248°	19	780	27	n/a
n/a	78	3290	7	280°	11	1000	26	n/a
n/a	77	3560	7	297°	11	1090	25	n/a
n/a	72	5010	8	330°	13	1530	22	n/a
n/a	63	7190	7	342°	11	2190	17	n/a
n/a	56	9050	7	256°	11	2760	14	n/a
39	47	11580	21	171°	33	3530	8	4
18	31	15430	22	170°	35	4700	-1	-8
11	25	17970	20	137°	31	5480	-4	-12
-3	12	21530	13	95°	20	6560	-11	-19

mAGL extrapolated(!), as data from every 1/5th of a second.					Delta 100m		Delta 300m	
m(exit) = 0	AGL	horDist	Dive°	Speed	Dive°	Speed	Dive°	Speed
-100,00	4.276,87	134,29	58,59	163,01	58,59	163,01		
-200,00	4.167,13	181,57	71,89	229,28	13,30	66,28		
-300,00	4.069,30	206,96	77,80	270,90	5,91	41,62	77,8°	270,9
-400,00	3.972,57	224,09	81,38	305,24	3,58	34,34		
-500,00	3.865,05	236,70	84,50	335,63	3,12	30,38		
-600,00	3.767,45	244,27	86,19	362,12	1,70	26,50	8,4°	91,224
-700,00	3.663,26	249,57	87,58	385,60	1,39	23,47		
-800,00	3.575,51	252,29	88,56	401,90	0,98	16,31		
-900,00	3.460,63	254,83	88,77	422,60	0,21	20,70	2,6°	60,48
-1.000,00	3.364,89	256,16	89,42	436,79	0,65	14,18		
-1.100,00	3.266,01	257,11	89,45	450,76	0,03	13,97		
-1.200,00	3.164,40	257,87	89,34	461,70	-0,11	10,94	0,6°	39,096
-1.300,00	3.060,13	259,23	89,27	474,19	-0,07	12,49		
-1.400,00	2.953,62	261,33	88,66	483,23	-0,61	9,04		
-1.500,00	2.872,23	263,04	88,89	491,40	0,23	8,17	-0,4°	29,7
-1.600,00	2.761,88	265,52	88,63	500,15	-0,27	8,75		483,40
-1.700,00	2.649,62	267,96	88,82	508,57	0,19	8,42		492,87
-1.800,00	2.564,43	269,56	88,99	513,50	0,17	4,93	0,1°	499,52
-1.900,00	2.449,39	271,45	89,03	519,66	0,05	6,16		507,55
-2.000,00	2.362,31	273,16	88,86	523,30	-0,18	3,64		512,90
-2.100,00	2.274,68	274,78	89,07	526,97	0,22	3,67	0,1°	517,59
-2.200,00	2.157,40	275,58	89,71	528,23	0,64	1,26		522,49
-2.300,00	2.068,97	275,82	89,85	531,07	0,14	2,84		525,56
-2.400,00	1.950,62	277,17	89,04	533,74	-0,81	2,66	0,0°	528,78
-2.500,00	1.861,37	279,30	88,38	536,15	-0,66	2,41		530,92