

STATION LOCATION

SIOUX CITY, IOWA

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										* Type	REMARKS
						SEA LEVEL	GROUND										
							WIND INSTRUMENTS	BAROMETER	WIND CROSSLINER	WIND CROSSLINER	WIND CROSSLINER	WIND CROSSLINER	WIND CROSSLINER	WIND CROSSLINER	WIND CROSSLINER		
<u>COOPERATIVE</u>																	
Exact location unknown	8/1857	6/1889		42E 30'	96E 24'											Approximate coordinates. Several locations within 5 miles north and west.	
<u>CITY</u>																	
Chamber of Commerce Building 4th St. between Jones & Jackson	7/01/89	7/31/92		42E 29'	96E 23'		100	90	89					78			
Public Library Building NW Corner 6th & Douglas	8/01/92	3/15/97	1/4 mi. NW	42E 30'	96E 24'	1110	109	97	96					92			
Federal Building NE Corner 6th & Douglas	3/16/97	12/01/33	200 ft. E	42E 30'	96E 24'	1110	164	96	B94		A86			86		Wind velocities exceed other exposures account of elevations. A - Operative beginning 1907. B - 96 ft. through 1912.	
U.S. Post Office Court House SW Corner 6th & Douglas	12/02/33	5/01/41	250 ft. SW	42E 30'	96E 24'	1110	106	64	64		57			57			
<u>AIRPORT</u>																	
First Administration Building Municipal Airport 9 mi. SSE Sioux City Post Office	4/01/40	10/15/42		42E 25'	96E 22'	1095	27	5	5		3	3	3			Shelter and rain gages over sod. Exposure excellent.	
Second Admn. Building Municipal Airport	10/16/42	1/28/54	1 mi. S	42E 23'	96E 22'	1093	41	5	5		3	3	3			Wind velocity diminished by trees to NW; otherwise exposure good.	
Third Admn. Building Municipal Airport	1/29/54	Present	3/4 mi. NW	42E 24'	96E 23'	1095	a24 e28	19	19	18	17	c8	NA d17	b5 f5	NA	a - 103 ft. to 6/5/58. D - Commissioned 1650 ft. W of thermometer site 1/1/60. C - 4 ft. to 4/28/66. d - Installed on roof 5/14/80. e - Raised 8/25/83. f - Type Change 9/6/85.	