

STATION LOCATION

DULUTH, MINNESOTA

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	NORTH	WEST	ELEVATION ABOVE										AUTOMATED EQUIPMENT	REMARKS
						SEA LEVEL	GROUND								HYGRO THERMOMETER		
							GROUND	WIND INSTRUMENTS	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET	RAIN GAGE	8 INCH RAIN GAGE			
<u>CITY</u>																	
Miller Block, SE Corner Lake & Superior Streets	10/18/70	6/30/82	NA	46E47'	92E06'	625	48	19	19					28			Window shelter.
St. Louis Hotel Bldg. SE Corner 4th Ave. West & Superior Street	7/1/82	11/30/84	0.4 mi. SW	46E47'	92E06'	633	77	57	57					66			Extreme thermometers 56 feet until 1/2/84. Window shelter.
Metropolitan Block 115-117 W. Superior St.	12/1/84	1/29/95	0.25 mi. NE	46E47'	92E06'	634	71 b75 c72	61 a71	61 a71					56			a - Effective 4/1/88. b - Effective 11/22/88. c - Effective 4/1/91.
Post Office Building NE corner 5th Ave. West and First Street	1/30/95	12/31/03	0.3 mi. SW	46E47'	92E06'	685	106 d 116	95	95					90			d - Effective 6/13/1900.
631 West 7th Street	1/1/04	2/28/50	0.5 mi. WNW	46E46'	92E06'	1128	47	11 e5	11 e5			NA f3	NA g5	3 e4			e - Effective 10/20/23. f - Installed 4/25/05, moved to Airport 7/10/50. g - Installed 11/22/40, moved to Airport 7/8/50.
705 West 9th Street	3/1/50	10/31/59	500 ft. NW	46E47'	92E06'	1162		5						4			WBO consolidated at WBAS 3/1/50. Special Meteorological Station established for temperature and precipitation observations only.
<u>AIRPORT</u>																	
Williamson-Johnson Municipal Airport (6 miles NW of P.O.)	8/8/40	3/1/50	NA	46E50'	92E11'	1409	47 i52 ii55	NA i4	5 h4	NA	NA	NA	NA i4	NA	NA	NA	CAA station to 12/11/41. h - Effective 6/6/41. i - Installed 6/6/41. ii - Effective 2/4/48. iii - Effective 4/11/50.
Williamson-Johnson Municipal Airport + + Duluth International Airport (Effective 1963)	3/1/50	10/15/75	NA	46E50'	92E11'	1408 r1428	55 iii53 r21	7 n7	7 n7	NA j25	NA k4	NA m3 n3 s7	NA j5 n4	4 n4	NA p6 q6	NA	j - Installed 7/8/50. k - Installed 7/10/50. m - Effective 8/6/60. n - Minor move 8/8/60. p - Commissioned near thermometer site 9/1/60. q - Moved 2600' NNW 6/22/61. r - Effective 6/22/61. s - Effective 8/11/65.
Duluth International Airport	10/15/75	Present	500 ft. NNW	46E50'	92E11'	1428	t21	6 u6	6 u6	24 w36	24	24 v6	24 v4	t6 x6	NA		t - Not moved 10/15/75. u - Moved 700' NW 8/27/76. v - Moved 250' W 8/27/76. w - Raised 7/15/80. x - Type change 7/30/85. y - Relocated 3/14/93.