

HOURLY PRECIPITATION DATA COLORADO

JULY 2002

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Thomas R. Karl

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

DAILY PRECIPITATION TOTALS

GAGE	STATION	TOTAL	DAY OF MONTH																																				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
F	AKRON 4 E	.0																																					
T	ALAMOSA BERGMAN FIELD	.78	T	T	T	T	.22	.12	T	T											.07	.01	T		.14	.05	T	.01	.02	T									
F	ALLENSPARK 2 NNW	1.3						.3													.06	.03	.01																
F	ANTERO RESERVOIR	.64	E	P						.2																													
F	ARAPAHOE	.4	P	P			.4																	P	-	-	-	P											
F	ASPEN 1 SW	-																																					
F	BONNY DAM 2 NE	-																																					
F	BOULDER 2	.0	I	I	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m			
F	BYERS 5 ENE	.14	E	I																				P	P														
F	CASTLE ROCK	.0	P	P																																			
F	CEDAREDEGE 3 E	1.0						.1	.1		.2	.1											.1	.1									.3						
F	CHERAW 1 N	.0	P									P																											
F	CHERRY CREEK DAM	-																																			I		
F	COCHETOPA CREEK	.42	E	P	P																							P	P										
T	COLORADO SPRINGS WSO AP	1.52		T			.49	.28			.13													.32									.30						
F	CRESTED BUTTE	1.2				.2	.6	.1																															
T	DENVER INTL AP	1.39						.70								.69							T			T													
F	DENVER STAPELTON	1.04	E	P			.5			P				P																						P			
F	DINOSAUR NATL MONUMNT	.93	E								P																							.5		.1			
F	DRAKE	.1	P		P										.1																								
F	ECKLEY	.81	E				.1		.1	.1															P														
F	EVERGREEN	1.10	E	m	m	m	m	m	.2	I	.1	.1	.3	P	.1	P								.1															
F	FLORISSANT FOSSIL BED	2.36	E				.1	.2																	.8								.1				P	I	
F	FORT COLLINS	.0																							.05														
F	FORT COLLINS 9 NW	.0	I	m	I																																		
F	GOLDEN 3 S	.76	E				P									P								P	.1														
F	GRANADA	2.2					1.9					.2	.1																										
T	GRAND JUNCTION WALKER	.13		T																																			
F	GRAND LAKE 6 SSW	1.33	E				.1	.2			I																												
F	GREELEY UNC	.83	E	I	P				P																														
F	GREENLAND 9 SE	1.6	P	P				.9	.4						P																								
F	GREENLAND 6 NE	.7	P				.2	.3																															
F	GUNNISON 3 SW	.3																																					
F	HOLYOKE	2.2					.1	2.1																														.3	
F	HOYT	.1																																					
F	HUGO 1 NW	.3														.1																							
F	INTER CANYON	1.0						.3							.5																								
F	JOES 2 SE	.2	P	P				.2																															
F	JOHN MARTIN DAM	.35	E													P	P																						
F	KIM 15 NNE	.9	P			P		.2							.7																								
F	LAKE GEORGE 8 SW	1.30	E	P			.2	.7					P	.3	P	.1																							
F	LAWSON	.5								.4																												.1	
F	LONGMONT 6 NW	.0	P																																				
F	MANITOU SPRINGS	2.63	E				.1	.2				.1	.3												.4													P	
F	MEEKER 3 W	.7																																					
F	MESA VERDE NP	1.28	E																																				
F	MORRISON 1 SW	1.1	P			.1			.1	.1					.1	.1																							
F	NEDERLAND 5 NNW	1.4	P	P				.1	.2						.3																								
F	NEW RAYMER	.35	E					.1	.1																														
F	NORTHGATE	.0	P	P																																			
F	NUNN	.3																																					
F	ORDWAY 21 N	.2	P																																				
F	OURAY	.5	P	P			.1			.1	.1				.1	.1																							
F	PLEASANT VIEW 1 W	.64	E																																				
U	PUEBLO WSO AP	.84					.01	.12					.19	.32																									
F	RUSTIC 9 WSW	1.3	I	I			.2	.4							.1																								

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AKRON 4 E	1 31																									
ALAMOSA BERGMAN FIELD	1															T	T	T	T					F		
	2																			T				F		
	3													T							T			F		
	4													T										F		
	5												.11				T	T	T	T	T		T	.07	.04	.22
	6	.01																.05				T			.12	
	7	T																							F	
	8																T								F	
	11																	.03	.01	T					.04	
	14														T		.06		T	T					.06	
	15																		T		.03	T			.03	
	16				.01																				.01	
	19															.04		.03							.07	
	20																	T		T		.01			.01	
	21																							T	F	
	23																	.12	.02						.14	
	24						.01									.03	.01								.05	
	25															T	T	T	T	T					F	
26																	.01		T					.01		
27																				.02	T			.02		
28													T											F		
ALLENSPARK 2 NNW	6														.2		.1							.3		
	10																.3	.2						.5		
	11									.2														.2		
	20																			.2			.1	.3		
ANTERO RESERVOIR	1	{	-	-	-	-	-	-	-	-	-													P		
	7																			.2				.2		
	22																							P		
26																							P			
ARAPAHOE	1																							P		
	5														.1	.1			.1		.1			.4		
ASPEN 1 SW	1	{	-	-	-	-	-	-	-	-	-													-		
	31																							-		
BONNY DAM 2 NE	1	{	-	-	-	-	-	-	-	-	-													-		
	31																							-		
BOULDER 2	1							[i	m	m	m	m	m	m	m	m	m	m	m	m	m	m	I		
	31	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
BYERS 5 ENE	1														[i	m	m	m					I		
	21																							P		
22																							P			
CASTLE ROCK	1	{	-	-	-	-	-	-	-	-	-													P		
	31																							-		
CEDAREEDGE 3 E	6																			.1				.1		
	7											.1												.1		

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHERAW 1 N	9																		.2						.2	
	10																.1								.1	
	20															.1									.1	
	21									.1															.1	
	26	.1	.1			.1																			.3	
CHERRY CREEK DAM	10										{ a			-	-									P		
COCHETOPA CREEK	1	{ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	31	{ -	-	-	[m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	- I		
COLORADO SPRINGS WSO AP	2										{ a	-	-	-	-	-	-	-	-	-	-	-	-	P		
	3	-	-	-	-	-	-	-	-	-	a													P		
	25										{ a	-	-	-	-	-	-	-	-	-	-	-	-	P		
	26	-	-	-	-	-	-	-	-	-	a													P		
CRESTED BUTTE	2																				T	T		T		
	5																			.38	.06	.03	.01	.01	.49	
	6	.09	.16	.01			T	T	T	.02															.28	
	9																			.12	T	.01			.13	
	21														T	.27					T	.01	T	.03	.01	.32
	26																			T	.30					.30
DENVER INTL AP	3																					.1	.1	.2		
	4															.3				.2	.1			.6		
	5												.1											.1		
	26		.1	.1											.1									.3		
	6			.01	.33	.18	.17	.01																	.70	
DENVER STAPELTON	10																.32	.37						.69		
	20																				T	T		T		
	23																							T		
	28															T	T							T		
	1	{ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
DINOSAUR NATL MONUMNT	4				{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2	.2	.1		.5		
	8				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	31			{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
DRAKE	1	{ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	25																						.5	.5		
ECKLEY	27																				.1			.1		
	3										{ a	-	-	-	-	a								P		
EVERGREEN	10																		.1					.1		
	4											.1												.1		
	6															.1								.1		
	7							.1																.1		
EVERGREEN	23																					{ a	-	P		
	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EVERGREEN	1	[m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
	6	m	m	m	m	m	m	m	m	m	m	m	m	m	m	.1	m	m	m	m	m	m	m	.2I		

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FLORISSANT FOSSIL BED	8							.1																	.1	
	9			.1																					.1	
	10							.2	.1	{ - - - }															.1	
	11																				.1	{ q -			.1P	
	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
	16									{ q - }	.2														.2P	
	22														.1										.1	
31														{ -	q }									P		
FORT COLLINS	5																						.1	.1		
	6	.1									.1													.2		
	23												.5	.2	.1									.8		
	28										.1													.1		
31														[i	m	m	m	m	m	m	m	m	m	I		
FORT COLLINS 9 NW	1	[m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
	2	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	I		
GOLDEN 3 S	5									{ q	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	16							{ q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
	22										.1											1.0q	.1q	P		
GRANADA	5						.1	.1					.3			.3	.3	.8						1.9		
	10																				.2			.2		
	11	.1																						.1		
GRAND JUNCTION WALKER	2																							T		
	19																							T		
	24																							T		
	25		T	T						T	T	T										T	T	T		
	26	T																					.02	.11		
GRAND LAKE 6 SSW	5																.1							.1		
	6																.1	.1						.2		
	9										[m	m]												I		
	20																		{ q	-	-	-	-	-	P	
	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
GREELEY UNC	1	[m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	I		
	2																							P		
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	q							P		
GREENLAND 9 SE	1																							P		
	5															{ q	-	q						.9		
	6	.1	.1	.1			.1									.6	.1			.2				.4		
	11											{ q	-	-	-									P		
	19							.1																.1		
21																				.1	.1		.2			
GREENLAND 6 NE	5																				.1	.1		.2		
	6			.1				.1																.3		
	16													{ q	-									P		

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GUNNISON 3 SW	21																		.1		.1				.2	
	26				.1	.1						.1													.3	
HOLYOKE	5																							.1	.1	
	6	.7			.2	.1								.1	.4	.4	.1							.1	2.1	
HOYT	10																		.1					.1	.1	
HUGO 1 NW	10																				.2			.2	.2	
	11							.1																.1	.1	
INTER CANYON	6						.1	.1	.1															.3	.3	
	10																		.5						.5	
	21																						.1		.1	
	22									.1															.1	.1
JOES 2 SE	1	{ - - - - - }																							P	
	6															.1			.1						.2	P
JOHN MARTIN DAM	10								{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
KIM 15 NNE	3									{ a	-	a													P	
	5														.1								.1	.2	.2	
	10																			.2	.3	.1	.1	.7	.7	
LAKE GEORGE 8 SW	1	{ - - - - - }							a																P	
	4									.2														.2	.2	
	5						.1							.3		.2		.1						.7	.7	
	9												{ -	-	-	-	-	-	-	-	-	-	-	-	P	
	10																								.3P	
LAWSON	7														.1				.3					.4	.4	
	25																				.1				.1	.1
LONGMONT 6 NW	18									{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	P		
MANITOU SPRINGS	5																							.1	.1	
	6			.1						.1															.2	.2
	9																				.1				.1	.1
	10																.3								.3	.3
	20			.3	.1																				.4	.4
	26																						{ a	-	P	
MEEKER 3 W	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	25														.1									.4	.5	
MESA VERDE NP	26	.1								.1														.2	.2	
	8									{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
MESA VERDE NP	11	-	-	-	-	-	-	-	-	{ a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
	13							{ a	-	-	a														P	
	15																.1	.1						.2	.2	
	22						.1	.4	.1																.6	.6
	24							.1																	.1	.1

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MORRISON 1 SW	28							.1																	.1	
	31																						.1		.1	
	2														.1										.1	
	6							.1																	.1	
	16									{ - - }															.1	
NEDERLAND 5 NNW	21																					.3	.6	.9		
	1														{ a a }									.1		
	6													.1										.1		
	7																							.2		
	10								.1								.2	.1						.3		
	15											.1												.1		
	20																							.2		
	21																	.2	.1	.1	.1			.5		
	22										{ a - - }											.1	.1	.1		
	31	-	-	-	-	-	-	-	-	-	[m m m]													.1		
NEW RAYMER	6											.1												.1		
	7												.1											.1		
	28									{ a - - }														.1		
NORTHGATE	29	-	-	-	-	-	-	-	-															.1		
	1	{ - - - }																						.1		
NORTHGATE	31	-	-	-	-	-	-	-	-															.1		
	1	{ - - - }																						.1		
NUNN	13												.3											.3		
ORDWAY 21 N	1	{ - - - }								[m m m]														.1		
	10	m	m	m	m	m	m	m	m	m												.1		.1		
	11													.1										.1		
	12				{ a - - }																			.1		
	31	-	-	-	-	-	-	-	-	-														.1		
OURAY	1									{ a a }														.1		
	4												.1											.1		
	7																	.1						.1		
	8																							.1		
	9																							.1		
	10										.1													.1		
	18										{ a - - }													.1		
	26	-	-	-	-	-	-	-	-	-														.1		
	31	-	-	-	-	-	-	-	-	-	[i m m m]													.1		
	PLEASANT VIEW 1 W	9															.1								.1	
10																.1								.1		
17															.1									.1		
23																							.1	.1		
24																								.1		
PUEBLO WSO AP	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.1		
	5							.03	.03	.03													.01	.01		
	6																							.12		
	9																	.10	.01	.01	.06	T	.02	.19		
	10																	T	.21	.11	T			.32		
	21																						.04	.04		

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RUSTIC 9 WSW	22	.11	.05	T																					.16	
	25																			T	T				T	
	1										[i	m]													I	
	5													.1	.1										.2	
	6														.1	.3									.4	
	10																			.1					.1	
RYE SCHOOL	20																			.1	.1		.1		.3	
	23																								.1	
	25															.1									.2	
	1										[i	m]													I	
	4																	.1							.1	
SAGUACHE	8																								.1	
	20																								.1	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	
SAN LUIS 2 SE	1									[i	m	m	m	m	m	m	m	m	m	m	m	m	m	m	I	
	31	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
SEIBERT	2											.1	.1												.2	
	4								.5	.1				.1											.7	
	6									.1															.1	
	17																								.1	
	21																							.1	.1	
	28																								P	
SHAW 4 ENE	31	-	-	-	-	-	-	-	-	-	-	-	-	{	α	-	-	-	-	-	-	-	-	-	P	
	4						{	α	α			.1													P	
	6															.2									.1	
SHEEP MOUNTAIN	28															.2									.2	
	6											.1				.3									.4	
	2																		.1						.1	
	4															.1				.2					.5	
	6																			.2					.1	
SIMLA	10				.2	.1						.2								.3	.1	.1			.5	
	2																								.1	
	6																								.5	
	10																			.3	.1	.1			.5	
SUGARLOAF RESERVOIR	23																			.1					.1	
	2																								.1	
	6																								.1	
	10																								.1	
SPRINGFIELD 7 WSW	2																								.1	
	6																								.1	
	10																								.1	
	21																								.1	
	23																								.1	
	28																							.6	.6	
SUGARLOAF RESERVOIR	11				.1																				.1	
	28												.1												.1	
	3															.3	.3	.1		.2					.9	
	4															.1									.1	
	5																								.1	
7															.1									.1		
20																			.1	.1				.2		

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
TELLURIDE 4 WNW	23															.1										.1	
	25																										P
	29	-	-	-	-	-	-	-	-	-	-	-	{ a	-	-	-	-	-	-	-	-	-	-	-	-	P	
	1												{ a	-	-	-	-	-	-	-	-	-	-	-	-	P	
TERCIO 4 NW	31	-	-	-	-	-	-	-	-	-	-	-	{ i	m	m	m	m	m	m	m	m	m	m	m	m	P	
	4															.4	.1	.2								.7	
	5															.1										.1	
	7															.1										.1	
	10																									.1	
	20																.4	.1								.5	
	22				.7	.2																				1.0	
TRINIDAD	26																									.1	
	27																	.1								.1	
	2																							.1		.2	
	11																							.1		.1	
	21																							.1		.1	
TRINIDAD LAKE	22		.4	.3	.1	.1	.1																	.6	.2	.8	
	23																							.5		.5	
	27															.1										.1	
	2																									.1	
	4																									.2	
WALSENBURG	8																.1									.1	
	20																									.1	
	22		.1	.9	.4	.2		.1																		.1	
	23																	.5	.8	.1	.1					1.8	
	24																									.1	
	29																	.1	.1							.2	
	1							{ a	-	-	-	-	-													P	
WHITE ROCK	4																.4	.1								.5	
	6																									.1	
	9																									1.1	
	10																									.2	
	20																		.2	.1						.3	
	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	{ a	-	-	-	-	-	P	
WILLIAMS FORK DAM	23																									P	
	24																									P	
	25																									P	
WOODLAND PARK 8 NNW	26					.1																				.1	
	5																									.1	
	6				.1																					.2	

HOURLY PRECIPITATION

STATION	DATE	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
YODER 2 NW	21																.2									.3	
	1	{	-	-	-	-	-	-	-	}																	P
	6						.1				.1	.1														.3	
	9																			.1	.4					.5	
10								.1																	.1		

MONTHLY PRECIPITATION MAXIMA

COLORADO

JULY 2002

STATION	MAXIMA FOR MEASUREMENT PERIODS OF				
	MINUTES			HOURS	
	15	30	45	1	2
AKRON 4 E				.12 23/1800	.14 23/1900
ALAMOSA BERGMAN FIELD				.5 10/1615	.5 10/1715+
ALLENSPARK 2 NNW	.2 20/1815+	.3 10/1545	.4 10/1615		
ANTERO RESERVOIR					
ARAPAHOE					
ASPEN 1 SW					
BONNY DAM 2 NE					
BOULDER 2					
BYERS 5 ENE					
CASTLE ROCK					
CEDAREEDGE 3 E	.1 26/0415+	.2 09/1830	.2 09/1845+	.2 26/0145+	.2 26/0245+
CHERAW 1 N					
CHERRY CREEK DAM					
COCHETOPA CREEK					
COLORADO SPRINGS WSO AP				.38 05/2000	.44 05/2100
CRESTED BUTTE	.2 04/1945+	.3 04/1545	.3 04/1600+	.3 04/2030+	.3 04/2130+
DENVER INTL AP				.37 10/1800	.69 10/1800
DENVER STAPELTON					
DINOSAUR NATL MONUMNT					
DRAKE					
ECKLEY					
EVERGREEN					
FLORISSANT FOSSIL BED					
FORT COLLINS				.0 21/1500	.0 21/1600+
FORT COLLINS 9 NW					
GOLDEN 3 S					
GRANADA	.4 05/1930+	.8 05/1930	.9 05/1930	1.0 05/1930	1.4 05/1930
GRAND JUNCTION WALKER				.11 25/2400	.13 25/2400
GRAND LAKE 6 SSW					
GREELEY UNC					
GREENLAND 9 SE					
GREENLAND 6 NE					
GUNNISON 3 SW	.1 26/1130+	.2 26/0415	.2 26/0430+	.2 26/0445+	.2 26/0545+
HOLYOKE	.5 06/0030	.7 06/1515	.8 06/1530	.8 06/1545+	.9 06/1645+
HOYT	.1 10/1845	.1 10/1900+	.1 10/1915+	.1 10/1930+	.1 10/2030+
HUGO 1 NW	.2 10/2045	.2 10/2100+	.2 10/2115+	.2 10/2130+	.2 10/2230+
INTER CANYON	.4 10/1830	.4 10/1845+	.5 10/1900	.5 10/1915+	.5 10/2015+
JOES 2 SE					
JOHN MARTIN DAM					
KIM 15 NNE					
LAKE GEORGE 8 SW					
LAWSON	.3 07/1830	.3 07/1845+	.3 07/1900+	.3 07/1915+	.3 07/2015+
LONGMONT 6 NW					
MANITOU SPRINGS					
MEEKER 3 W	.2 25/2315	.3 25/2330	.4 25/2345	.4 25/2400+	.5 26/0100+
MESA VERDE NP					
MORRISON 1 SW					
NEDERLAND 5 NNW					
NEW RAYMER					
NORTHGATE					
NUNN	.3 13/1215	.3 13/1230+	.3 13/1245+	.3 13/1300+	.3 13/1400+
ORDWAY 21 N					
OURAY					
PLEASANT VIEW 1 W					
PUEBLO WSO AP				.21 10/1700	.32 10/1800
RUSTIC 9 WSW					
RYE SCHOOL					
SAGUACHE					
SAN LUIS 2 SE					
SEIBERT					
SHAW 4 ENE	.2 06/1515	.2 06/1530+	.3 06/1545	.3 06/1600+	.3 06/1700+
SHEEP MOUNTAIN	.1 23/1845+	.2 04/1830	.2 04/1845+	.3 04/1830	.4 04/1900+
SIMLA	.1 10/2045+	.2 10/1830+	.2 10/1900+	.3 10/1900	.4 10/2000
SPRINGFIELD 7 WSW					
SUGARLOAF RESERVOIR					
TELLURIDE 4 NNW					
TERCIO 4 NW	.7 22/0300	.8 22/0315	.8 22/0330+	.9 22/0345	.9 22/0445+
TRINIDAD	.3 21/1615	.4 23/1445	.5 23/1500	.6 21/1700	.8 21/1800+
TRINIDAD LAKE	.7 23/1515	1.2 23/1515	1.3 23/1530	1.3 23/1545+	1.4 23/1645+
WALSENBURG					
WHITE ROCK					
WILLIAMS FORK DAM					
WOODLAND PARK 8 NNW	.2 21/1700	.2 21/1715+	.2 21/1730+	.2 21/1745+	.2 21/1845+
YODER 2 NW					

MONTHLY PRECIPITATION MAXIMA

COLORADO

JULY 2002

STATION	MAXIMA FOR MEASUREMENT PERIODS OF				MAXIMUM ACCUMULATION
	HOURS				
	3	6	12	24	
AKRON 4 E					
ALAMOSA BERGMAN FIELD	.14 23/2000+	.14 23/2300+	.22 05/2400	.23 06/1200+	
ALLENSPARK 2 NNW	.5 10/1815+	.5 10/2115+	.5 11/0315+	.7 11/1515+	
ANTERO RESERVOIR					
ARAPAHOE					
ASPEN 1 SW					
BONNY DAM 2 NE					
BOULDER 2					
BYERS 5 ENE					
CASTLE ROCK					
CEDAREEDGE 3 E	.2 26/0430+	.3 26/0645+	.3 26/1245+	.3 27/0045+	
CHERAW 1 N					
CHERRY CREEK DAM					
COCHETOPA CREEK					
COLORADO SPRINGS WSO AP	.47 05/2200	.58 06/0100	.75 06/0700+	.77 06/1900+	
CRESTED BUTTE	.3 04/2230+	.6 04/2115+	.6 05/0315+	.8 04/2100+	
DENVER INTL AP	.69 10/1900+	.70 06/0800+	.70 06/1400+	.70 07/0200+	
DENVER STAPELTON					
DINOSAUR NATL MONUMNT					
DRAKE					
ECKLEY					
EVERGREEN					
FLORISSANT FOSSIL BED					
FORT COLLINS	.0 21/1700+	.0 21/2000+	.0 22/0200+	.0 22/1400+	
FORT COLLINS 9 NW					
GOLDEN 3 S					
GRANADA	1.4 05/2030+	1.5 05/1930	1.9 05/1930	1.9 06/0730+	
GRAND JUNCTION WALKER	.13 26/0100+	.13 26/0400+	.13 26/1000+	.13 26/2200+	
GRAND LAKE 6 SSW					
GREELEY UNC					
GREENLAND 9 SE					
GREENLAND 6 NE					
GUNNISON 3 SW	.2 26/0645+	.2 26/0945+	.3 26/1545+	.3 27/0345+	
HOLYOKE	1.0 06/1630	1.1 06/0545+	1.2 06/1530	2.2 06/2345+	
HOYT	.1 10/2130+	.1 11/0030+	.1 11/0630+	.1 11/1830+	
HUGO 1 NW	.2 10/2330+	.2 11/0230+	.3 11/0830+	.3 11/2030+	
INTER CANYON	.5 10/2115+	.5 11/0015+	.5 11/0615+	.5 11/1815+	
JOES 2 SE					
JOHN MARTIN DAM					
KIM 15 NNE					
LAKE GEORGE 8 SW					
LAWSON	.3 07/2115+	.4 07/1900+	.4 08/0100+	.4 08/1300+	
LONGMONT 6 NW					
MANITOU SPRINGS					
MEEKER 3 W	.5 26/0200+	.5 26/0500+	.6 26/1100+	.7 26/1430+	
MESA VERDE NP					
MORRISON 1 SW					
NEDERLAND 5 NNW					
NEW RAYMER					
NORTHGATE					
NUNN	.3 13/1500+	.3 13/1800+	.3 13/2400+	.3 14/1200+	
ORDWAY 21 N					
OURAY					
PLEASANT VIEW 1 W					
PUEBLO WSO AP	.32 10/1900+	.32 10/2200+	.32 11/0400+	.39 10/1800	
RUSTIC 9 WSW					
RYE SCHOOL					
SAGUACHE					
SAN LUIS 2 SE					
SEIBERT					
SHAW 4 ENE	.3 06/1800+	.3 06/2100+	.4 06/2000+	.4 07/0800+	
SHEEP MOUNTAIN	.4 04/2000+	.5 04/2045+	.5 05/0245+	.5 05/1445+	
SIMLA	.5 10/2100+	.5 10/2400+	.5 11/0600+	.5 11/1800+	
SPRINGFIELD 7 WSW					
SUGARLOAF RESERVOIR					
TELLURIDE 4 WNW					
TERCIO 4 NW	.9 22/0545+	1.0 22/0845+	1.0 22/1445+	1.0 23/0245+	
TRINIDAD	.8 22/0400+	1.0 22/0700+	1.6 22/0400+	1.8 22/1600+	
TRINIDAD LAKE	1.5 22/0500+	1.7 22/0700+	1.7 22/1300+	1.8 23/0100+	
WALSENBURG					
WHITE ROCK					
WILLIAMS FORK DAM					
WOODLAND PARK 8 NNW	.2 21/1945+	.3 21/2245+	.3 22/0445+	.3 22/1645+	
YODER 2 NW					

REFERENCE NOTES

Hourly Precipitation Data (HPD) are obtained from recording rain gages. The rain gage may be located at a National Weather Service, Federal Aviation Administration, or Cooperative Observer Station. HPD time resolution is 15 minutes or 1 hour. Published data are displayed at an hourly resolution. Precipitation values in this bulletin are in inches. Times are local standard.

Standard rain gage types:

F Weighing gage : reported in inches to tenths
 T Tipping bucket : reported in inches to hundredths
 U Weighing gage : reported in inches to hundredths
 N Not specified

HPD maxima cover 9 time periods from 15 minutes to 24 hours and do not necessarily end on whole hours. Stations that report hourly data only will not have maxima computed for periods less than 1 hour. If any data are missing, no maxima are computed. MAXIMUM ACCUMULATION is the largest accumulated precipitation amount from times with unknown data distribution during a month. Clock mechanisms sometimes stick or stop; some of the special symbols in the HPD section are used when such "signatures" are found in the data.

Information contained in the station name:

// Rain gage equipped with a wind shield.
 # Inactive station. Symbol found by station name in the Station Index.
 \$ Experimental rain gage or unusual measurement procedure which may have some effect on HPD.
 Common types are:
 \$1 rain gage with a heated orifice
 \$2 rain gage with an automatic siphon
 \$3 rain gage with a remote orifice and funnel
 8 SW or other numbers and letters following the name, indicate the distance in miles, and the direction, from the nearest post office.

Special symbols in the HPD:

a Begin accumulation sometime within the hour period or day period.
 A End accumulation during the day or hour. Will follow the distribution amount.
 * Temporal distribution unknown. First HPD value that follows is the total accumulated amount.
 E Estimated monthly total by spatial modelling.
 i Incomplete hourly total. One (1) or more 15 minute periods are missing.
 I Incomplete daily or incomplete monthly total. One (1) or more periods are missing.
 P Daily or monthly total excludes highly suspect data value(s).
 q Hourly total excludes one (1) or more questionable 15 minute periods.

Q Questionable 15 minute data. Seen in Maxima tables.
 R Time of occurrence is suspect. Amount is included in daily total.
 T Trace amounts are included only for Federally funded meteorological observing sites.
 X Value greater than 9.99 - refer to Hourly Precipitation Section for daily total.
 Z Probable melting frozen precipitation included in total.
 [Begin missing period during the hour (inclusive) or day.
] End missing period during the hour (inclusive) or day.
 { Begin delete period during the hour (inclusive) or day.
 } End delete period during the hour (inclusive) or day.
 m Data missing for part or all of the period.
 - Data deleted for part or all of the period.
 + Duplicate maxima for same time period; latest is shown.

NOTE: Missing (m) flag in the MONTHLY PRECIPITATION TOTALS page represents missing and/or deleted data for part or all of period.

NOTE: Only the first and last rows of long groups of missing (m), deleted (-), and accumulated (*) data are shown.

NOTE: The special symbols in the HPD appear as a suffix to type "F" values, or directly below type "T" and type "U" gage values.

NOTE: TIPPING BUCKET precipitation gages become increasingly inaccurate with increasing rainfall intensities. TIPPING BUCKET gages also may NOT correctly report the amount or time distribution during frozen or freezing precipitation events (i.e. snow, hail, sleet, or freezing rain).

NOTE: Users of data from this publication may notice that daily totals may differ from those listed in the CLIMATOLOGICAL DATA (CD) publication. There are two primary reasons for the differences. The first is because the precipitation values are measured by two different gage types. The second reason is that the totals may be measured at different times. Most manual measurements are made at or near 8 AM or 5 PM local time while the daily totals from the hourly precipitation gages are computed on a midnight (calendar day) basis.

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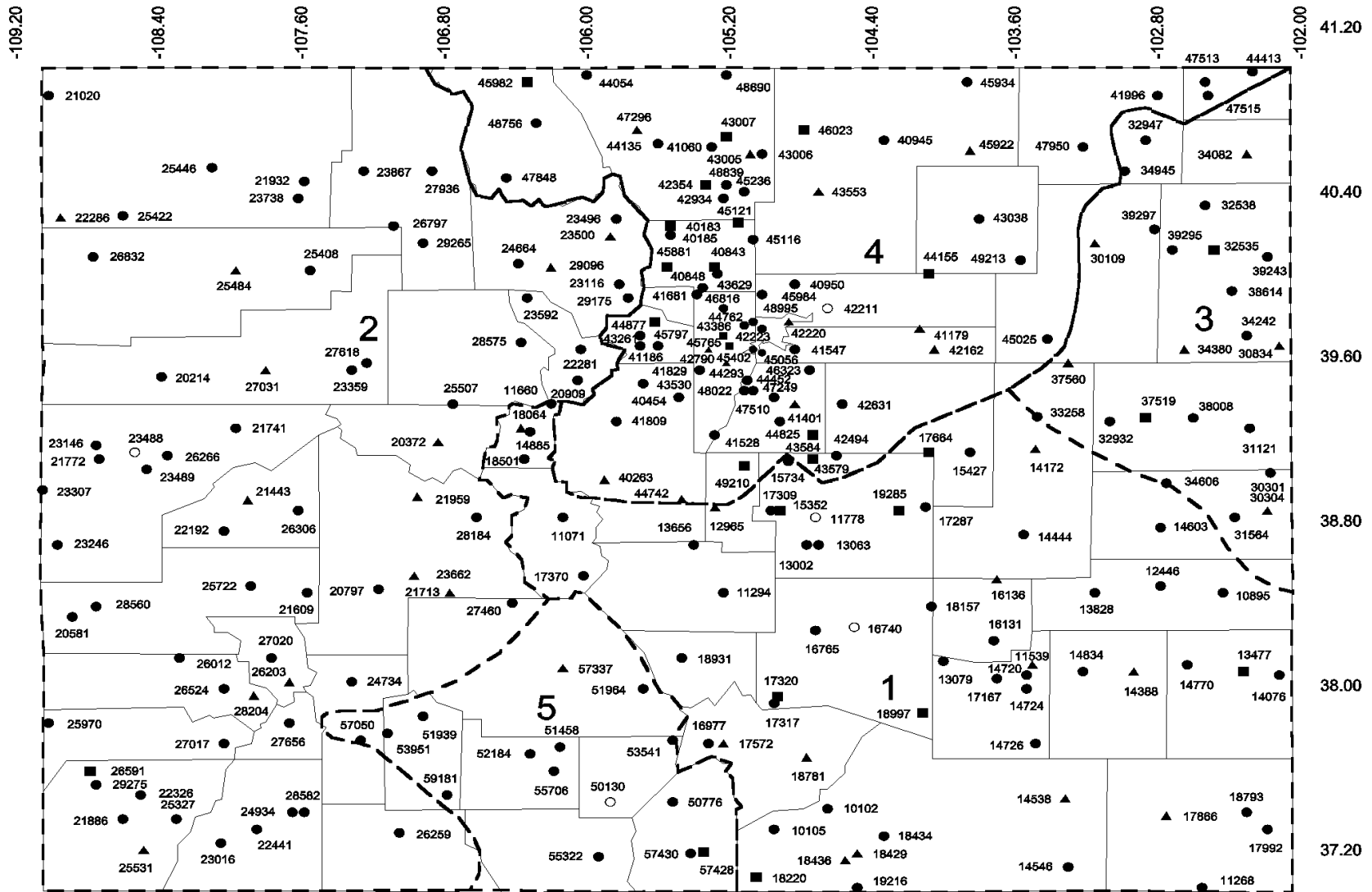
COLORADO

STATION INDEX

JULY 2002

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation Ft.	Years Of
AKRON 4 E	0109	WASHINGTON	3	40 09	103 09	4540	60
ALAMOSA BERGMAN FIELD	0130	ALAMOSA	5	37 26	105 52	7533	56
ALLENSPARK 2 NNW	0183	BOULDER	4	40 13	105 32	8320	57
ANTERO RESERVOIR	0263	PARK	4	39 00	105 54	8920	34
ARAPAHOE	0304	CHEYENNE	3	38 51	102 11	4020	53
ASPEN 1 SW	0372	PITKIN	2	39 11	106 50	8163	22
BONNY DAM 2 NE	0834	YUMA	3	39 39	102 07	3717	52
BOULDER 2	0843	BOULDER	4	40 02	105 17	5415	57
BYERS 5 ENE	1179	ADAMS	4	39 44	104 08	5100	78
CASTLE ROCK	1401	DOUGLAS	4	39 22	104 50	6352	59
CEDAREDGE 3 E	1443	DELTA	4	38 54	107 54	6830	6
CHERAW 1 N	1539	OTERO	1	38 07	103 31	4147	20
CHERRY CREEK DAM	1547	ARAPAHOE	4	39 38	104 50	5647	12
COCHETOPA CREEK	1713	GUNNISON	2	38 27	106 46	8000	54
COLORADO SPRINGS WSO AP	1778	EL PASO	1	38 49	104 43	6140	28
CRESTED BUTTE //	1959	GUNNISON	2	38 55	106 57	8860	97
DENVER INTL AP	2211	DENVER	4	39 50	104 39	5414	7
DENVER STAPELTON	2220	DENVER	4	39 46	104 52	5286	67
DINOSAUR NATL MONUMNT	2286	MOFFAT	2	40 15	108 58	5920	37
DRAKE	2354	LARIMER	4	40 26	105 20	6170	22
ECKLEY	2535	YUMA	3	40 07	102 29	3900	58
EVERGREEN	2790	JEFFERSON	4	39 38	105 19	7000	40
FLORISSANT FOSSIL BED	2965	TELLER	4	38 55	105 17	8440	52
FORT COLLINS	3005	LARIMER	4	40 37	105 08	5004	121
FORT COLLINS 9 NW	3007	LARIMER	4	40 40	105 13	5220	28
GOLDEN 3 S	3386	JEFFERSON	4	39 42	105 14	7120	28
GRANADA	3477	PROWERS	1	38 04	102 19	3484	53
GRAND JUNCTION WALKER	3488	MESA	2	39 08	108 32	4858	110
GRAND LAKE 6 SSW	3500	GRAND	2	40 11	105 52	8288	52
GREELEY UNC	3553	WELD	4	40 24	104 42	4715	17
GREENLAND 9 SE	3579	EL PASO	4	39 06	104 44	7480	59
GREENLAND 6 NE	3584	DOUGLAS	4	39 13	104 44	6900	52
GUNNISON 3 SW	3662	GUNNISON	2	38 32	106 58	7640	109
HOLYOKE	4082	PHILLIPS	3	40 35	102 18	3730	79
HOYT	4155	MORGAN	4	40 00	104 05	5000	56
HUGO 1 NW	4172	LINCOLN	1	39 09	103 29	5025	19
INTER CANYON	4293	JEFFERSON	4	39 34	105 13	7040	23
JOES 2 SE	4380	YUMA	3	39 38	102 39	4251	54
JOHN MARTIN DAM	4388	BENT	1	38 04	102 56	3814	20
KIM 15 NNE	4538	LAS ANIMAS	1	37 27	103 19	5150	51
LAKE GEORGE 8 SW	4742	PARK	4	38 54	105 28	8520	59
LAWSON	4877	CLEAR CREEK	4	39 46	105 38	8100	28
LONGMONT 6 NW	5121	BOULDER	4	40 15	105 09	5150	59
MANITOU SPRINGS	5352	EL PASO	1	38 51	104 56	6630	57
MEEKER 3 W	5484	RIO BLANCO	2	40 01	107 58	6180	74
MESA VERDE NP //	5531	MONTEZUMA	2	37 12	108 29	7115	79
MORRISON 1 SW	5765	JEFFERSON	4	39 39	105 12	5840	60
NEDERLAND 5 NNW	5881	BOULDER	4	40 02	105 33	10010	7
NEW RAYMER	5922	WELD	4	40 37	103 51	4783	55
NORTHGATE	5982	JACKSON	4	40 56	106 20	7830	23
NUNN	6023	WELD	4	40 42	104 47	5196	50
ORDWAY 21 N	6136	LINCOLN	1	38 31	103 42	4767	57
OURAY	6203	OURAY	2	38 01	107 40	7840	57
PLEASANT VIEW 1 W	6591	MONTEZUMA	2	37 35	108 47	6860	50

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation Ft.	Years Of
PUEBLO WSO AP //	6740	PUEBLO	1	38 17	104 30	4684	47
RUSTIC 9 WSW	7296	LARIMER	4	40 42	105 43	7700	10
RYE SCHOOL	7320	PUEBLO	1	37 56	104 56	6745	17
SAGUACHE	7337	SAGUACHE		38 05	106 08	7692	99
SAN LUIS 2 SE	7428	COSTILLA	5	37 11	105 25	8033	53
SEIBERT	7519	KIT CARSON	3	39 18	102 52	4701	47
SHAW 4 ENE	7560	WASHINGTON		39 34	103 18	5000	7
SHEEP MOUNTAIN	7572	HUERFANO	1	37 43	105 14	7754	14
SIMLA	7664	ELBERT	1	39 08	104 05	5980	52
SPRINGFIELD 7 WSW	7866	BACA	1	37 22	102 45	4622	45
SUGARLOAF RESERVOIR	8064	LAKE	1	39 15	106 22	9738	51
TELLURIDE 4 WNW	8204	SAN MIGUEL	2	37 57	107 52	8672	91
TERCIO 4 NW	8220	LAS ANIMAS	1	37 04	105 03	8270	56
TRINIDAD	8429	LAS ANIMAS	1	37 11	104 29	6030	98
TRINIDAD LAKE	8436	LAS ANIMAS	1	37 09	104 33	6120	12
WALSENBURG	8781	HUERFANO	1	37 38	104 46	6150	63
WHITE ROCK	8997	PUEBLO	1	37 52	104 07	4730	60
WILLIAMS FORK DAM	9096	GRAND	2	40 02	106 12	7650	20
WOODLAND PARK 8 NNW	9210	TELLER	4	39 04	105 07	7760	58
YODER 2 NW	9285	EL PASO	1	38 52	104 15	6266	26



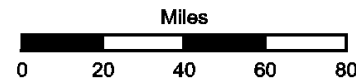
STATION LEGEND DATA PUBLISHED IN:
 ● CLIMATOLOGICAL DATA
 ○ FIRST ORDER DATA
 ■ HOURLY PRECIPITATION DATA

▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
 For further information, refer to the station index and reference notes.

DIVISIONS:
 1. ARKANSAS DRAINAGE
 2. COLORADO DRAINAGE
 3. KANSAS DRAINAGE
 4. PLATTE DRAINAGE
 5. RIO GRANDE DRAINAGE

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05 - COLORADO



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Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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