

PAYETTE RIVER BASIN

13251000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 -1981, October 1989 to September 1990, October 1992 to September 1993, April to September 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATUR-ATION (PER-CENT) (00301)	COLI-FORM, FECAL, UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 09...	1630	8470	69	7.1	25.5	12.5	3.2	10.7	109	110	220
MAY 14...	1200	9030	68	7.3	18.0	13.5	1.9	9.8	103	K460	K400
JUN 13...	1215	14300	50	7.5	26.0	14.5	12	10.8	115	140	160
JUL 16...	1440	2200	134	8.0	26.0	19.5	5.0	9.1	108	280	760
AUG 16...	1340	1060	222	8.3	30.0	23.0	1.5	10.5	133	K2700	880
SEP 25...	1410	797	268	8.5	19.0	14.0	4.2	12.4	130	260	660

DATE	HARD-NESS TOTAL (MG/L) AS CAC03 (00900)	CALCIUM DIS-SOLVED (MG/L) AS CA (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) AS MG (00925)	SODIUM, DIS-SOLVED (MG/L) AS NA (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L) AS K (00935)	BICAR-BONATE WATER WH FET FIELD (MG/L AS HCO3) (00440)	CAR-BONATE WATER WH FET FIELD (MG/L AS CO3) (00445)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CAC03) (00410)
SEP 25...	81	23	5.7	27	41	2.1	130	5	116

DATE	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) AS CL (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) AS F (00950)	SILICA, DIS-SOLVED (MG/L) AS SIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
SEP 25...	13	3.8	0.6	23	166	171	0.23	357

DATE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS-PHORUS TOTAL (MG/L) AS P (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L) AS P (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
APR 09...	<0.01	<0.05	<0.015	0.2	0.04	0.01	--	--
MAY 14...	<0.01	0.09	0.030	0.3	0.04	0.02	24	585
JUN 13...	<0.01	0.07	0.050	<0.2	0.03	0.01	35	1350
JUL 16...	0.01	0.29	0.040	0.2	0.04	0.04	31	184
AUG 16...	0.02	0.64	0.030	0.4	0.07	0.08	17	49
SEP 25...	<0.01	0.70	<0.015	0.2	0.04	0.04	14	30

K Results based on counts outside ideal colony range.

## PAYETTE RIVER BASIN

13251000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--WATER YEARS 1966 -1981, October 1989 to September 1990, October 1992 to September 1993, April 1996 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August to September 1997 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.5 °C Sept. 7, 1997.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.5 °C Sept.7.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WOLE FIELD (STAND- ARDS UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (MG/L) (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 22...	0920	13900	60	6.8	12.0	7.0	58	11.2	101	460	490
MAY 13...	1455	11900	61	7.4	30.0	13.5	21	10.4	109	350	230
JUN 18...	1100	12300	56	7.7	20.0	15.0	8.6	10.0	108	210	450
JUL 23...	0930	2010	143	8.1	25.0	21.0	6.5	7.4	90	270	1300
AUG 14...	1025	1660	166	8.0	25.0	20.5	4.6	8.2	99	480	1200
SEP 18...	0900	946	238	8.0	6.0	13.0	6.4	8.9	93	K7500	340

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE WATER WH FET FIELD MG/L AS HCO3 (00440)	CAR- BONATE WATER WH FET FIELD MG/L AS CO3 (00445)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)
SEP 18...	74	21	5.1	21	37	2.0	130	0	104

DATE	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
SEP 18...	10	3.0	0.51	21	151	149	0.21	386

DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, DIS- SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- SUS- PENDE (T/DAY) (80155)
APR 22...	<0.010	0.138	0.037	0.60	0.249	0.034	118	4430
MAY 13...	<0.010	0.069	<0.015	0.22	0.047	0.012	41	1320
JUN 18...	<0.010	0.086	<0.015	<0.20	0.028	0.013	33	1100
JUL 23...	<0.010	0.404	<0.015	0.43	0.100	0.030	29	157
AUG 14...	0.010	0.447	<0.015	0.23	0.055	0.036	20	90
SEP 18...	<0.010	0.741	<0.015	0.22	0.057	0.040	23	59

K Results based on counts outside ideal colony range.

## PAYETTE RIVER BASIN

## 13252000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	AUGUST		MAX	SEPTEMBER	
		MIN	MEAN		MIN	MEAN
1	---	---	---	22.5	18.2	20.1
2	---	---	---	21.3	19.5	20.4
3	24.2	20.6	22.5	23.0	19.3	20.8
4	23.5	21.0	21.6	23.1	18.7	21.0
5	24.3	19.8	21.8	23.3	19.2	21.3
6	25.0	21.6	23.3	24.0	19.3	21.6
7	25.4	22.1	23.7	25.5	18.0	21.1
8	24.0	21.1	22.5	25.0	17.4	20.2
9	23.5	19.8	21.6	---	---	---
10	23.0	20.3	21.5	---	---	---
11	23.1	20.3	21.4	24.0	17.4	18.8
12	23.3	19.8	21.5	20.0	17.4	18.5
13	23.5	20.3	21.9	21.6	17.2	19.3
14	24.2	20.6	22.4	22.3	18.4	20.2
15	23.6	20.5	22.0	20.5	17.7	18.7
16	22.5	19.2	20.7	19.5	15.6	17.4
17	23.0	18.9	20.8	17.7	15.0	16.1
18	23.6	20.0	21.7	17.7	13.3	15.4
19	24.0	19.8	21.8	18.5	14.4	16.4
20	23.6	20.1	21.9	19.2	14.9	16.9
21	24.2	19.5	21.8	19.7	14.9	17.2
22	24.2	20.0	22.1	21.0	15.3	17.7
23	24.3	20.0	22.1	22.8	14.9	17.8
24	24.2	20.3	22.0	26.8	13.0	17.6
25	23.1	18.9	21.1	23.1	11.8	16.7
26	23.5	19.0	21.2	20.5	17.2	18.5
27	23.5	19.3	21.4	19.7	14.9	16.9
28	22.0	19.0	20.5	21.0	10.0	14.5
29	22.8	18.4	20.4	23.5	11.4	15.4
30	23.0	18.5	20.7	18.2	11.9	15.3
31	21.6	19.2	20.3	---	---	---
MONTH	---	---	---	---	---	---



## PAYETTE RIVER BASIN

## 13251000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

COLLECTION METHODS.--Composite of 5, 0.25 m<sup>2</sup> samples. Richest targeted habitat--riffles, whole sample.  
MESH SIZE.--425 um.

AVERAGE DEPTH.--0.22 m.

AVERAGE PERCENT SHADING.--19.

AVERAGE VELOCITY.--0.99 m/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--3-4.

PERCENT FINES RANGE.--0-10.

HABITAT QUALITY INDEX.--52.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997  
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM TAXON GENUS SPECIES	DATE AUG 7	NUMBER OF INDIV- IDUALS	PERCENT COMPO- SITION	FUNC- TIONAL FEEDING GROUP	POLLU- TION TOLER- ANCE VALUE
<b>NON-INSECTS</b>					
Nematoda		16	0.41	PA	5
Oligochaeta		8	0.2	CG	8
Acar1		16	0.41	PA	5
<b>EPHEMEROPTERA</b>					
<i>Acentrella turbida</i>		736	18.66	CG	4
<i>Baetis tricaudatus</i>		384	9.74	CG	6
<i>Rhithrogena</i>		64	1.62	SC	0
<i>Stenonema</i>		16	0.41	SC	5
<i>Tricorythodes minutus</i>		8	0.2	CG	4
<b>TRICHOPTERA</b>					
<i>Cheumatopsyche</i>		8	0.2	CF	8
<i>Hydropsyche</i>		1120	28.4	CF	4
<b>LEPIDOPTERA</b>					
<i>Petrophila</i>		32	0.81	SC	5
<b>COLEOPTERA</b>					
<i>Microcylloepus</i>		8	0.2	SC	7
<i>Optioservus</i>		16	0.41	SC	4
<b>DIPTERA</b>					
Empididae		8	0.2	PR	6
<i>Hemerodromia</i>		8	0.2	PR	6
<i>Simulium</i>		512	12.98	CF	6
<b>CHIRONOMIDAE</b>					
Chironomidae-pupae		184	4.67	UN	6
<i>Cardiocladius</i>		176	4.46	PR	5
<i>Cricotopus</i>		304	7.71	CG	7
<i>Cricotopus Bicinctus Gr.</i>		16	0.41	CG	7
<i>Cricotopus Trifascia Gr.</i>		64	1.62	CG	6
<i>Cryptochironomus</i>		8	0.2	PR	8
<i>Eukiefferiella</i>		8	0.2	OM	8
<i>Orthocladius Complex</i>		16	0.41	CG	6
<i>Polypedilium</i>		200	5.07	OM	6
<i>Rheotanytarsus</i>		8	0.2	CF	6
TOTAL NUMBER OF TAXA		26		EPT ABUNDANCE	2336/m <sup>2</sup>
TOTAL NUMBER OF ORGANISMS		3944/m <sup>2</sup>		NUMBER EPT TAXA	7
HILSENHOFF BIOTIC INDEX		4.98		SHANNON DIVERSITY INDEX (H)	3.19

## PAYETTE RIVER BASIN

13251000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

COLLECTION METHODS.--Qualitative multiple habitat, relative abundance, whole sample.

MESH SIZE.--210 um.

GEAR TYPE.--D-frame net and visual collections.

REACH LENGTH.--728 m.

AVERAGE WIDTH.--87 m.

HABITAT QUALITY INDEX.--52.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997  
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM TAXON GENUS SPECIES	DATE AUG 7	NUMBER OF INDIV- IDUALS	PERCENT COMPO- SITION	FUNC- TIONAL FEEDING GROUP	POLLU- TION TOLER- ANCE VALUE
<b>NON-INSECTS</b>					
Turbellaria		24	1.13	CG	4
Nematoda		12	0.57	PA	5
Oligochaeta		136	6.43	CG	8
<i>Fluminicola</i>		20	0.95	SC	5
Copepoda		4	0.19	CG	8
Ostracoda		8	0.38	CG	8
Acari		8	0.38	PA	5
<b>EPHEMEROPTERA</b>					
<i>Acentrella turbida</i>		84	3.97	CG	4
<i>Baetis tricaudatus</i>		188	8.88	CG	6
<b>TRICHOPTERA</b>					
<i>Hydropsyche</i>		184	8.7	CF	4
<i>Nectopsyche</i>		4	0.19	OM	3
<b>COLEOPTERA</b>					
<i>Microcylloepus</i>		4	0.19	SC	7
<b>DIPTERA</b>					
<i>Simulium</i>		384	18.15	CF	6
<b>CHIRONOMIDAE</b>					
Chironomidae-pupae		52	2.46	UN	6
<i>Cardiocladius</i>		52	2.46	PR	5
<i>Cricotopus</i>		260	12.29	CG	7
<i>Cricotopus Trifascia Gr.</i>		32	1.51	CG	6
<i>Eukiefferiella</i>		40	1.89	OM	8
<i>Orthocladius Complex</i>		52	2.46	CG	6
<i>Phaenopsectra</i>		12	0.57	SC	7
<i>Polypedilum</i>		544	25.71	OM	6
<i>Tanytarsus</i>		12	0.57	CF	6
TOTAL NUMBER OF TAXA		22		EPT ABUNDANCE	460
TOTAL NUMBER OF ORGANISMS		2116		NUMBER EPT TAXA	4
HILSENHOFF BIOTIC INDEX		5.98		SHANNON DIVERSITY INDEX (H)	3.35

## PAYETTE RIVER BASIN

13251000 PAYETTE RIVER NEAR PAYETTE, ID--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 -1981, 1990, 1993, April to September 1996, April to September 1997, July to September 1998, April to September 1999 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August to September 1997, July to September 1998, May to September 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum 27.3 °C July 26-28, 1998.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum 25.9 °C July 29.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATURATION (PERCENT) (00301)	COLIFORM, UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 06...	1055	4850	84	7.5	6.0	5.5	6.5	11.4	99	62	82
MAY 12...	1010	4750	85	7.4	14.0	8.6	12	10.1	95	250	250
JUN 16...	1108	9750	59	7.0	24.0	15.4	11	9.0	99	340	800
JUL 16...	1012	2300	120	7.7	24.5	18.8	10	8.5	100	500	2000
AUG 11...	0950	1380	178	7.6	19.5	19.3	4.0	8.0	95	290	1000
SEP 03...	1230	770	239	8.0	19.5	15.9	1.6	10.7	118	720	2500
DATE		HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)		POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FIELD (MG/L AS HCO3) (00440)	ANC CARBONATE FIELD (MG/L AS CO3) (00445)	
SEP 03...		69	19	5.0	21	39		2.0	120	0	
DATE		ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L AS) (70301)	SOLIDS, SOLVED (TONS PER AC-FT) (70303)	SOLIDS, SOLVED (TONS PER DAY) (70302)		
SEP 03...		101	10	3.6	.41	20	146	.20	304		
DATE		NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS, ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, CHARGE, SUSPENDED (T/DAY) (80155)		
APR 06...		<.010	.106	<.020	.23	E.049	.017	12	157		
MAY 12...		<.010	.097	<.020	.26	.050	.027	16	205		
JUN 16...		<.010	.092	.020	.22	.062	.026	24	632		
JUL 16...		<.010	.193	<.020	.41	.061	.018	29	180		
AUG 11...		<.010	.510	<.020	.42	.076	.036	22	82		
SEP 03...		<.010	.759	<.020	.28	.067	.037	13	27		

E Positive detection but below stated detection limits.

PAYETTE RIVER BASIN  
13251000 PAYETTE RIVER NEAR PAYETTE, ID-Continued

WATER TEMPERATURE, DEGREES CELSIUS, APRIL TO SEPTEMBER 1999

DAY	APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11.6	8.0	10.0	12.7	10.6	11.8	20.4	15.6	18.1	24.0	20.9	22.4	19.6	16.3	17.9
2	---	---	---	11.1	9.4	10.3	12.2	10.9	11.5	19.3	15.2	17.5	25.4	21.3	23.3	19.3	15.6	17.5
3	---	---	---	10.8	8.9	9.9	11.6	10.2	10.7	19.1	15.0	17.2	24.1	20.3	22.2	19.1	15.2	17.1
4	---	---	---	9.7	7.9	8.9	13.0	9.7	11.3	18.8	14.5	16.8	24.1	19.1	21.4	19.3	15.3	17.4
5	---	---	---	11.1	6.6	8.8	13.4	10.2	11.9	19.6	14.4	17.1	23.8	21.1	22.4	20.4	15.6	18.1
6	---	---	---	12.2	7.2	9.8	14.7	11.4	12.8	20.6	15.3	18.1	23.8	21.1	22.4	20.4	16.9	18.6
7	---	---	---	12.3	8.8	10.7	14.4	10.9	12.6	20.8	16.9	19.0	22.3	20.1	21.2	19.6	15.3	17.5
8	---	---	---	12.7	8.5	10.6	14.2	10.9	12.6	20.4	15.8	18.3	22.6	18.8	20.7	19.5	14.8	17.2
9	---	---	---	12.2	8.5	10.4	14.8	10.6	12.7	21.6	16.6	19.2	24.0	19.8	21.8	19.3	15.5	17.5
10	---	---	---	12.2	7.7	10.1	15.5	10.8	13.1	22.3	17.2	19.9	22.4	20.3	21.2	20.9	17.0	18.8
11	---	---	---	12.2	7.4	10.1	15.9	11.6	13.8	22.9	18.2	20.8	21.8	19.5	20.5	19.6	16.1	18.0
12	---	---	---	12.5	8.9	10.8	17.4	12.7	15.0	23.6	19.3	21.6	22.9	19.1	21.0	19.3	15.0	17.2
13	---	---	---	12.2	8.5	10.6	16.7	13.9	15.3	24.3	19.8	22.2	22.6	19.6	20.9	19.6	15.2	17.4
14	---	---	---	12.5	8.8	10.8	18.5	14.2	16.3	23.6	20.1	21.8	20.4	18.8	19.5	20.3	15.5	17.9
15	---	---	---	12.0	8.6	10.4	18.7	14.5	16.6	22.3	18.7	20.6	21.4	17.5	19.3	20.4	15.8	18.2
16	---	---	---	13.0	8.8	11.0	17.4	15.5	16.3	23.3	19.1	21.2	22.3	18.2	20.2	20.4	15.9	18.3
17	---	---	---	12.7	9.4	11.0	18.2	15.3	16.7	23.1	19.8	21.6	22.9	19.1	21.0	20.6	16.6	18.7
18	---	---	---	14.2	10.3	12.4	17.5	14.5	16.0	22.3	19.0	20.7	22.3	19.3	21.0	20.4	16.7	18.7
19	---	---	---	15.3	10.5	13.1	17.7	14.8	16.3	23.1	19.1	21.1	24.0	19.8	21.7	20.4	16.4	18.5
20	---	---	---	15.8	11.3	13.7	18.2	15.0	16.5	23.1	20.4	21.7	24.0	20.1	22.0	20.1	16.1	18.3
21	---	---	---	16.1	11.9	14.1	16.9	15.2	16.1	23.1	19.3	21.2	24.0	20.6	22.1	20.3	16.1	18.3
22	---	---	---	16.4	11.4	13.9	18.0	14.8	16.3	24.1	20.3	22.2	23.6	19.8	21.6	20.6	16.4	18.6
23	---	---	---	16.7	12.0	14.4	18.2	14.0	16.1	24.5	20.8	22.7	21.9	20.0	20.9	20.4	16.4	18.7
24	---	---	---	16.7	12.3	14.5	18.2	15.0	16.7	23.1	20.9	22.0	24.1	19.6	21.7	19.8	16.3	18.2
25	---	---	---	15.9	12.8	14.4	17.9	14.8	16.4	23.5	19.3	21.4	24.3	20.3	22.2	18.3	15.3	16.9
26	---	---	---	15.3	12.3	13.8	18.3	13.9	16.0	24.1	20.1	22.2	24.5	20.4	22.4	16.3	12.8	14.6
27	---	---	---	15.3	11.7	13.5	17.9	13.9	15.9	24.7	20.8	22.8	23.6	20.3	22.0	15.3	11.9	13.7
28	---	---	---	15.2	11.9	13.5	18.2	13.9	16.0	25.4	21.8	23.5	22.1	20.9	21.3	14.8	10.9	13.0
29	---	---	---	14.5	12.2	13.4	19.6	15.2	17.3	25.9	22.1	23.9	24.0	19.6	21.6	15.2	11.1	13.3
30	---	---	---	13.7	11.9	12.8	19.8	15.3	17.7	25.4	21.1	23.1	22.8	19.0	21.2	16.1	12.0	14.1
31	---	---	---	13.9	10.8	12.3	25.2	15.3	17.7	25.2	20.8	22.9	19.6	16.4	18.1	---	---	---
MONTH	---	---	---	16.7	6.6	11.7	19.8	9.7	14.8	25.9	14.4	20.7	25.4	16.4	21.3	20.9	10.9	17.3