

PHILIPPINE PESO PER US DOLLAR RATE

for periods indicated

	Period	Average	End-of-Period
1945	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1946	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1947	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1948	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1949	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1950	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1951	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1952	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.

1953	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1954	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1955	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1956	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1957	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1958	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1959	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	2.0000	n.a.
	June	2.0000	n.a.
	July	2.0000	n.a.
	August	2.0000	n.a.
	September	2.0000	n.a.
	October	2.0000	n.a.
	November	2.0000	n.a.
	December	2.0000	n.a.
1960	January	2.0000	n.a.
	February	2.0000	n.a.
	March	2.0000	n.a.
	April	2.0000	n.a.
	May	3.2000	n.a.
	June	3.2000	n.a.
	July	3.2000	n.a.
	August	3.2000	n.a.
	September	3.0000	n.a.
	October	3.0000	n.a.
	November	3.0000	n.a.
	December	3.0000	n.a.
1961	January	3.0000	n.a.
	February	3.0000	n.a.
	March	3.0000	n.a.
	April	3.0000	n.a.
	May	3.0000	n.a.
	June	3.0000	n.a.

Classification: GENERAL

	July	3.0000	n.a.
	August	3.0000	n.a.
	September	3.0000	n.a.
	October	3.0000	n.a.
	November	3.0000	n.a.
	December	3.0000	n.a.
1962	January	2.0000	n.a.
	February	3.4904	n.a.
	March	3.6082	n.a.
	April	3.7300	n.a.
	May	3.8611	n.a.
	June	3.8745	n.a.
	July	3.8777	n.a.
	August	3.8819	n.a.
	September	3.8795	n.a.
	October	3.8831	n.a.
	November	3.9031	n.a.
	December	3.9003	n.a.
1963	January	3.8999	n.a.
	February	3.8999	n.a.
	March	3.9000	n.a.
	April	3.8996	n.a.
	May	3.8997	n.a.
	June	3.8997	n.a.
	July	3.8996	n.a.
	August	3.8990	n.a.
	September	3.8999	n.a.
	October	3.8999	n.a.
	November	3.9000	n.a.
	December	3.9000	n.a.
1964	January	3.9000	n.a.
	February	3.9000	n.a.
	March	3.8999	n.a.
	April	3.9000	n.a.
	May	3.9000	n.a.
	June	3.8999	n.a.
	July	3.8993	n.a.
	August	3.8998	n.a.
	September	3.8999	n.a.
	October	3.8999	n.a.
	November	3.9000	n.a.
	December	3.8998	n.a.
1965	January	3.9000	n.a.
	February	3.8999	n.a.
	March	3.8998	n.a.
	April	3.8999	n.a.
	May	3.8993	n.a.
	June	3.8999	n.a.
	July	3.8992	n.a.
	August	3.8999	n.a.
	September	3.8999	n.a.
	October	3.8999	n.a.
	November	3.9052	n.a.
	December	3.9088	n.a.
1966	January	3.9053	n.a.
	February	3.8987	n.a.
	March	3.8950	n.a.
	April	3.8913	n.a.
	May	3.8913	n.a.
	June	3.8909	n.a.
	July	3.8872	n.a.
	August	3.8871	n.a.
	September	3.8951	n.a.
	October	3.9004	n.a.
	November	3.9012	n.a.
	December	3.9020	n.a.
1967	January	3.9095	n.a.
	February	3.9129	n.a.
	March	3.9130	n.a.
	April	3.9123	n.a.
	May	3.9103	n.a.
	June	3.9151	n.a.
	July	3.9170	n.a.
	August	3.9180	n.a.
	September	3.9186	n.a.
	October	3.9183	n.a.
	November	3.9184	n.a.
	December	3.9190	n.a.
1968	January	3.9189	n.a.
	February	3.9189	n.a.
	March	3.9187	n.a.
	April	3.9166	n.a.
	May	3.9118	n.a.
	June	3.9145	n.a.
	July	3.9139	n.a.
	August	3.9144	n.a.
	September	3.9140	n.a.
	October	3.9129	n.a.
	November	3.9174	n.a.
	December	3.9184	n.a.
1969	January	3.9186	n.a.
	February	3.9188	n.a.
	March	3.9185	n.a.
	April	3.9187	n.a.
	May	3.9191	n.a.
	June	3.9195	n.a.
	July	3.9195	n.a.
	August	3.9195	n.a.
	September	3.9195	n.a.
	October	3.9195	n.a.
	November	3.9195	n.a.
	December	3.9195	n.a.

Classification: GENERAL

1970	January	3.9195	3.940
	February	5.6282	5.780
	March	6.0962	6.118
	April	6.1628	6.240
	May	6.1213	6.170
	June	6.1924	6.200
	July	6.2303	6.250
	August	6.2695	6.300
	September	6.3704	6.435
	October	6.4350	6.435
	November	6.4350	6.435
	December	6.4350	6.435
1971	January	6.4350	6.435
	February	6.4350	6.435
	March	6.4350	6.435
	April	6.4350	6.435
	May	6.4350	6.435
	June	6.4350	6.435
	July	6.4350	6.435
	August	6.4245	6.415
	September	6.4106	6.430
	October	6.4324	6.435
	November	6.4332	6.435
	December	6.4350	6.435
1972	January	6.4350	6.435
	February	6.4350	6.435
	March	6.4350	6.435
	April	6.5750	6.772
	May	6.7675	6.773
	June	6.7719	6.777
	July	6.7778	6.778
	August	6.7795	6.780
	September	6.7795	6.779
	October	6.7813	6.781
	November	6.7807	6.781
	December	6.7805	6.781
1973	January	6.7815	6.780
	February	6.7763	6.776
	March	6.7720	6.768
	April	6.7663	6.766
	May	6.7633	6.760
	June	6.7592	6.759
	July	6.7583	6.759
	August	6.7468	6.740
	September	6.7393	6.739
	October	6.7397	6.740
	November	6.7382	6.739
	December	6.7353	6.730
1974	January	6.7310	6.725
	February	6.7189	6.722
	March	6.7234	6.726
	April	6.7218	6.721
	May	6.7176	6.730
	June	6.7157	6.715
	July	6.7346	6.745
	August	6.7429	6.746
	September	6.7473	6.753
	October	6.7724	6.850
	November	7.0665	7.075
	December	7.0627	7.065
1975	January	7.0662	7.072
	February	7.0522	7.021
	March	7.0262	7.020
	April	7.0177	7.030
	May	7.0178	7.015
	June	7.0150	7.016
	July	7.2719	7.507
	August	7.5018	7.508
	September	7.5092	7.510
	October	7.5001	7.495
	November	7.4976	7.500
	December	7.4992	7.498
1976	January	7.4857	7.473
	February	7.4693	7.468
	March	7.4583	7.450
	April	7.4354	7.431
	May	7.4304	7.431
	June	7.4309	7.431
	July	7.4298	7.429
	August	7.4297	7.430
	September	7.4290	7.429
	October	7.4284	7.428
	November	7.4282	7.429
	December	7.4282	7.428
1977	January	7.4279	7.427
	February	7.4272	7.428
	March	7.4263	7.419
	April	7.4110	7.409
	May	7.4050	7.400
	June	7.3981	7.396
	July	7.3962	7.395
	August	7.3940	7.394
	September	7.3934	7.391
	October	7.3892	7.389
	November	7.3869	7.387
	December	7.3791	7.370
1978	January	7.3715	7.372
	February	7.3715	7.373
	March	7.3735	7.372
	April	7.3668	7.365
	May	7.3635	7.364
	June	7.3632	7.360

Classification: GENERAL

	July	7.3609	7.361
	August	7.3617	7.363
	September	7.3613	7.358
	October	7.3590	7.361
	November	7.3650	7.369
	December	7.3712	7.375
1979	January	7.3762	7.377
	February	7.3767	7.377
	March	7.3777	7.380
	April	7.3796	7.379
	May	7.3783	7.377
	June	7.3739	7.350
	July	7.3706	7.372
	August	7.3717	7.372
	September	7.3722	7.371
	October	7.3709	7.371
	November	7.3718	7.390
	December	7.4111	7.415
1980	January	7.4167	7.416
	February	7.4179	7.422
	March	7.4259	7.429
	April	7.4434	7.490
	May	7.5095	7.520
	June	7.5209	7.528
	July	7.5432	7.550
	August	7.5562	7.560
	September	7.5622	7.560
	October	7.5669	7.572
	November	7.5802	7.590
	December	7.5942	7.600
1981	January	7.6323	7.650
	February	7.6680	7.703
	March	7.7303	7.765
	April	7.7904	7.820
	May	7.8504	7.890
	June	7.9349	7.949
	July	7.9491	7.950
	August	7.9516	7.957
	September	7.9920	8.022
	October	8.0641	8.083
	November	8.1009	8.113
	December	8.1312	8.200
1982	January	8.2543	8.275
	February	8.2831	8.310
	March	8.3405	8.351
	April	8.3792	8.400
	May	8.4163	8.430
	June	8.4509	8.470
	July	8.4878	8.500
	August	8.5293	8.587
	September	8.6380	8.689
	October	8.7664	8.832
	November	8.8752	8.928
	December	9.0594	9.171
1983	January	9.2865	9.391
	February	9.4644	9.519
	March	9.6057	9.741
	April	9.8693	9.929
	May	10.0316	10.083
	June	10.3846	11.002
	July	11.0017	11.002
	August	11.0016	11.002
	September	11.0018	11.002
	October	13.7016	14.002
	November	14.0020	14.002
	December	14.0020	14.002
1984	January	14.0020	14.002
	February	14.0020	14.002
	March	14.0020	14.002
	April	14.0020	14.002
	May	14.0020	14.002
	June	17.4020	18.002
	July	18.0020	18.002
	August	18.0020	18.002
	September	18.0020	18.002
	October	19.1482	19.990
	November	19.9590	19.917
	December	19.8593	19.760
1985	January	18.9794	18.400
	February	18.2557	18.359
	March	18.4778	18.467
	April	18.4841	18.493
	May	18.4800	18.490
	June	18.4727	18.465
	July	18.5810	18.666
	August	18.6048	18.605
	September	18.6157	18.640
	October	18.7039	18.755
	November	18.7368	18.758
	December	18.8963	19.032
1986	January	19.0417	19.103
	February	20.4609	21.979
	March	20.7811	20.600
	April	20.5045	20.500
	May	20.5003	20.502
	June	20.5520	20.580
	July	20.4543	20.426
	August	20.4317	20.470
	September	20.5092	20.448
	October	20.4372	20.436
	November	20.4360	20.436
	December	20.5198	20.530

Classification: GENERAL

1987	January	20.4629	20.478
	February	20.5252	20.528
	March	20.5625	20.550
	April	20.5048	20.484
	May	20.4732	20.466
	June	20.4564	20.456
	July	20.4500	20.440
	August	20.4387	20.453
	September	20.6005	20.600
	October	20.7062	20.725
	November	20.8171	20.877
	December	20.8148	20.800
1988	January	20.8462	20.870
	February	20.9030	21.010
	March	21.0277	21.016
	April	21.0296	21.018
	May	20.9550	20.905
	June	20.9487	21.062
	July	21.0247	21.038
	August	21.0591	21.079
	September	21.2485	21.336
	October	21.3616	21.392
	November	21.3771	21.379
	December	21.3560	21.335
1989	January	21.3421	21.350
	February	21.3575	21.350
	March	21.3388	21.330
	April	21.4136	21.564
	May	21.5796	21.608
	June	21.6800	21.807
	July	21.8865	21.880
	August	21.8800	21.880
	September	21.9691	21.945
	October	21.9589	22.100
	November	22.0990	22.234
	December	22.3352	22.440
1990	January	22.4644	22.543
	February	22.6245	22.761
	March	22.7594	22.750
	April	22.7609	22.805
	May	22.9018	22.977
	June	23.1026	23.270
	July	23.5632	23.860
	August	24.4474	25.000
	September	25.3519	25.750
	October	25.7500	25.750
	November	28.0000	28.000
	December	28.0000	28.000
1991	January	28.0000	28.000
	February	28.0000	28.000
	March	28.0000	28.000
	April	27.9261	27.842
	May	27.8186	27.806
	June	27.7955	27.750
	July	27.6210	27.750
	August	27.1995	27.000
	September	26.9834	27.000
	October	26.9946	27.000
	November	26.7366	26.700
	December	26.6683	26.650
1992	January	26.5446	26.527
	February	26.1580	26.045
	March	25.8102	25.383
	April	25.6672	25.804
	May	26.1496	26.250
	June	26.1205	25.584
	July	25.2616	24.910
	August	24.6691	23.294
	September	24.7260	25.120
	October	24.7849	24.636
	November	24.9361	25.492
	December	25.3221	25.096
1993	January	25.2801	25.348
	February	25.3116	25.280
	March	25.3656	25.513
	April	26.0780	26.385
	May	27.0064	27.094
	June	27.2063	27.272
	July	27.5688	27.695
	August	27.9489	28.043
	September	28.2337	29.813
	October	29.1600	28.831
	November	28.4849	27.958
	December	27.7939	27.699
1994	January	27.7245	27.676
	February	27.6463	27.701
	March	27.5872	27.565
	April	27.5298	27.277
	May	27.0530	26.874
	June	26.9756	26.910
	July	26.4608	26.229
	August	26.3132	26.484
	September	25.9113	26.000
	October	25.3945	24.928
	November	24.2648	23.879
	December	24.1450	24.418
1995	January	24.6223	24.573
	February	25.0282	25.732
	March	25.8590	25.987
	April	26.0077	26.021
	May	25.8493	25.797
	June	25.6742	25.575

Classification: GENERAL

	July	25.5140	25.585
	August	25.7109	25.906
	September	25.9692	26.065
	October	25.9654	25.992
	November	26.1671	26.183
	December	26.2060	26.214
1996	January	26.2116	26.185
	February	26.1588	26.177
	March	26.1957	26.197
	April	26.1897	26.173
	May	26.1759	26.222
	June	26.1944	26.203
	July	26.1995	26.228
	August	26.1994	26.202
	September	26.2356	26.257
	October	26.2693	26.285
	November	26.2658	26.287
	December	26.2925	26.288
1997	January	26.3173	26.344
	February	26.3411	26.333
	March	26.3319	26.367
	April	26.3642	26.369
	May	26.3721	26.374
	June	26.3761	26.384
	July	27.6679	28.968
	August	29.3305	30.165
	September	32.3945	33.873
	October	34.4639	34.938
	November	34.5178	34.655
	December	37.1706	39.975
1998	January	42.6610	42.410
	February	40.4143	40.364
	March	39.0040	37.081
	April	38.4422	39.979
	May	39.2971	38.898
	June	40.3991	42.091
	July	41.7805	42.016
	August	43.0375	43.874
	September	43.7759	43.809
	October	42.8882	40.831
	November	39.9435	39.462
	December	39.0733	39.059
1999	January	38.4043	38.717
	February	38.7799	39.098
	March	38.9108	38.766
	April	38.2417	38.018
	May	37.8385	38.095
	June	37.8993	38.019
	July	38.2798	38.245
	August	39.2610	39.671
	September	40.1738	41.112
	October	40.3150	40.158
	November	40.3409	40.787
	December	40.6232	40.313
2000	January	40.4266	40.390
	February	40.5717	40.845
	March	40.9381	41.063
	April	41.1884	41.278
	May	41.8063	42.829
	June	42.6489	43.154
	July	44.3557	44.941
	August	44.8977	45.077
	September	45.7367	46.283
	October	48.1061	51.427
	November	49.7537	49.393
	December	49.8962	49.998
2001	January	50.9693	49.412
	February	48.2897	48.263
	March	48.4673	49.378
	April	50.1854	51.218
	May	50.5389	50.584
	June	51.4881	52.366
	July	53.2242	53.562
	August	51.9877	51.210
	September	51.2499	51.355
	October	51.7333	51.935
	November	51.9899	52.024
	December	51.7889	51.404
2002	January	51.4097	51.201
	February	51.2817	51.354
	March	51.0661	51.148
	April	50.9872	50.744
	May	49.8383	49.966
	June	50.4065	50.418
	July	50.5963	51.287
	August	51.7931	51.809
	September	52.1292	52.447
	October	52.9070	53.017
	November	53.3082	53.589
	December	53.5195	53.096
2003	January	53.5635	53.799
	February	54.0748	54.345
	March	54.5909	53.532
	April	52.8068	52.817
	May	52.5072	53.282
	June	53.3992	53.706
	July	53.7138	54.689
	August	54.9914	55.113
	September	55.0235	54.942
	October	54.9520	55.245
	November	55.3718	55.767
	December	55.4451	55.569

2004	January	55.5261	56.085
	February	56.0696	56.275
	March	56.3029	56.357
	April	55.9039	55.858
	May	55.8453	55.837
	June	55.9848	56.181
	July	55.9527	56.009
	August	55.8342	56.216
	September	56.2132	56.336
	October	56.3414	56.351
	November	56.3221	56.231
	December	56.1828	56.267
2005	January	55.7662	55.112
	February	54.8128	54.717
	March	54.4402	54.793
	April	54.4918	54.354
	May	54.3411	54.367
	June	55.1790	55.919
	July	56.0062	56.105
	August	55.9523	56.160
	September	56.1562	56.055
	October	55.7077	55.060
	November	54.5606	53.999
	December	53.6118	53.067
2006	January	52.6171	52.336
	February	51.8168	52.088
	March	51.2189	51.284
	April	51.3597	51.826
	May	52.1273	52.654
	June	53.1567	53.587
	July	52.3976	51.624
	August	51.3618	50.937
	September	50.4012	50.387
	October	50.0038	49.805
	November	49.8434	49.763
	December	49.4670	49.132
2007	January	48.9143	49.027
	February	48.3814	48.287
	March	48.5172	48.262
	April	47.8224	47.510
	May	46.8141	46.269
	June	46.1602	46.329
	July	45.6251	45.611
	August	46.0737	46.695
	September	46.1315	45.063
	October	44.3803	43.947
	November	43.2176	42.798
	December	41.7429	41.401
2008	January	40.9381	40.650
	February	40.6711	40.360
	March	41.2524	41.868
	April	41.8196	42.192
	May	42.9020	43.882
	June	44.2806	44.756
	July	44.9563	44.140
	August	44.8769	45.685
	September	46.6922	46.917
	October	48.0252	48.746
	November	49.1862	48.880
	December	48.0942	47.485
2009	January	47.2072	47.076
	February	47.5846	48.236
	March	48.4580	48.419
	April	48.2165	48.704
	May	47.5242	47.548
	June	47.9053	48.308
	July	48.1460	48.121
	August	48.1607	48.906
	September	48.1394	47.592
	October	46.8513	47.732
	November	47.0324	46.752
	December	46.4211	46.356
2010	January	46.0276	46.743
	February	46.3116	46.258
	March	45.7425	45.220
	April	44.6266	44.644
	May	45.5971	46.212
	June	46.3027	46.310
	July	46.3203	45.813
	August	45.1825	45.179
	September	44.3137	43.896
	October	43.4449	43.182
	November	43.4918	44.255
	December	43.9548	43.885
2011	January	44.1722	44.088
	February	43.7031	43.837
	March	43.5160	43.432
	April	43.2402	43.018
	May	43.1307	43.291
	June	43.3657	43.494
	July	42.8088	42.227
	August	42.4209	42.507
	September	43.0256	43.636
	October	43.4514	43.028
	November	43.2745	43.810
	December	43.6486	43.928
2012	January	43.6191	42.946
	February	42.6608	42.864
	March	42.8574	43.000
	April	42.6998	42.436
	May	42.8515	43.451
	June	42.7765	42.283

Classification: GENERAL

	July	41.9054	41.907
	August	42.0452	42.315
	September	41.7490	41.880
	October	41.4521	41.263
	November	41.1222	40.883
	December	41.0067	41.192
2013	January	40.7295	40.653
	February	40.6723	40.736
	March	40.7127	40.938
	April	41.1422	41.161
	May	41.2976	42.376
	June	42.9069	43.307
	July	43.3559	43.402
	August	43.8639	44.635
	September	43.8318	43.309
	October	43.1825	43.179
	November	43.5546	43.736
	December	44.1043	44.414
2014	January	44.9266	45.155
	February	44.8950	44.656
	March	44.7916	44.996
	April	44.6416	44.463
	May	43.9236	43.927
	June	43.8175	43.780
	July	43.4665	43.421
	August	43.7673	43.648
	September	44.0751	44.966
	October	44.7979	44.876
	November	44.9514	44.916
	December	44.6878	44.617
2015	January	44.6044	44.132
	February	44.2214	44.087
	March	44.4457	44.796
	April	44.4136	44.250
	May	44.6106	44.650
	June	44.9831	45.200
	July	45.2649	45.618
	August	46.1420	46.705
	September	46.7504	46.926
	October	46.3609	46.890
	November	47.0067	47.069
	December	47.2303	47.166
2016	January	47.5111	47.823
	February	47.6361	47.560
	March	46.7240	46.108
	April	46.2845	46.773
	May	46.8023	46.775
	June	46.4645	46.960
	July	47.0581	47.085
	August	46.6809	46.467
	September	47.4294	48.257
	October	48.3482	48.515
	November	49.1550	49.777
	December	49.8156	49.813
2017	January	49.7363	49.814
	February	49.9614	50.267
	March	50.2752	50.194
	April	49.8626	49.699
	May	49.8603	49.867
	June	49.8501	50.466
	July	50.6382	50.582
	August	50.8747	51.166
	September	51.0094	51.073
	October	51.3433	51.799
	November	51.0384	50.365
	December	50.3947	49.923
2018	January	50.5087	51.421
	February	51.7856	52.034
	March	52.0676	52.207
	April	52.0986	51.965
	May	52.1948	52.689
	June	53.0476	53.522
	July	53.4329	53.263
	August	53.2735	53.434
	September	53.9419	54.251
	October	54.0086	53.606
	November	52.8083	52.608
	December	52.7691	52.724
2019	January	52.4679	52.352
	February	52.1901	52.006
	March	52.4134	52.782
	April	52.1122	52.106
	May	52.2620	52.257
	June	51.8029	51.358
	July	51.1429	51.013
	August	52.0547	52.339
	September	52.1052	52.042
	October	51.5042	51.033
	November	50.7268	50.798
	December	50.7671	50.744
2020	January	50.8386	50.904
	February	50.7448	50.937
	March	50.9036	51.044
	April	50.7349	50.589
	May	50.5556	50.727
	June	50.0972	49.851
	July	49.4675	49.217
	August	48.8433	48.621
	September	48.5057	48.465
	October	48.4822	48.401
	November	48.2521	48.102
	December	48.0637	48.036

Classification: GENERAL

PHILIPPINE PESO PER US DOLLAR RATE

for periods indicated

Period	Average	% Appreciation(+) / Depreciation(-)	Volatility	End-of-Period
1945	2.0000	n.a.	n.a.	n.a.
1946	2.0000	0.00	n.a.	n.a.
1947	2.0000	0.00	n.a.	n.a.
1948	2.0000	0.00	n.a.	n.a.
1949	2.0000	0.00	n.a.	n.a.
1950	2.0000	0.00	n.a.	n.a.
1951	2.0000	0.00	n.a.	n.a.
1952	2.0000	0.00	n.a.	n.a.
1953	2.0000	0.00	n.a.	n.a.
1954	2.0000	0.00	n.a.	n.a.
1955	2.0000	0.00	n.a.	n.a.
1956	2.0000	0.00	n.a.	n.a.
1957	2.0000	0.00	n.a.	n.a.
1958	2.0000	0.00	n.a.	n.a.
1959	2.0000	0.00	n.a.	n.a.
1960	2.7333	-26.83	n.a.	n.a.
1961	3.0000	-8.89	n.a.	n.a.
1962	3.6575	-17.98	n.a.	n.a.
1963	3.8998	-6.21	n.a.	n.a.
1964	3.8999	-0.00	n.a.	n.a.
1965	3.9010	-0.03	n.a.	n.a.
1966	3.8955	0.14	n.a.	n.a.
1967	3.9152	-0.50	n.a.	n.a.
1968	3.9159	-0.02	n.a.	n.a.
1969	3.9192	-0.08	n.a.	n.a.
1970	6.0246	-34.95	n.a.	6.435
1971	6.4317	-6.33	n.a.	6.435
1972	6.6749	-3.64	n.a.	6.781
1973	6.7563	-1.21	n.a.	6.730
1974	6.7879	-0.47	n.a.	7.065
1975	7.2479	-6.35	n.a.	7.498
1976	7.4403	-2.59	n.a.	7.428
1977	7.4028	0.51	n.a.	7.370
1978	7.3658	0.50	n.a.	7.375
1979	7.3776	-0.16	n.a.	7.415
1980	7.5114	-1.78	n.a.	7.600
1981	7.8996	-4.91	n.a.	8.200
1982	8.5400	-7.50	n.a.	9.171
1983	11.1127	-23.15	n.a.	14.002
1984	16.6987	-33.45	n.a.	19.760
1985	18.6074	-10.26	n.a.	19.032
1986	20.3857	-8.72	n.a.	20.530
1987	20.5677	-0.88	n.a.	20.800
1988	21.0948	-2.50	n.a.	21.335
1989	21.7367	-2.95	n.a.	22.440
1990	24.3105	-10.59	1.9052	28.000
1991	27.4786	-11.53	0.5032	26.650
1992	25.5125	7.71	0.7121	25.096
1993	27.1199	-5.93	1.2818	27.699
1994	26.4172	2.66	1.2187	24.418
1995	25.7144	2.73	0.4627	26.214
1996	26.2157	-1.91	0.0413	26.288
1997	29.4707	-11.04	3.9235	39.975
1998	40.8931	-27.93	1.9585	39.059
1999	39.0890	4.62	1.0140	40.313
2000	44.1938	-11.55	3.3627	49.998
2001	50.9927	-13.33	1.5740	51.404
2002	51.6036	-1.18	1.1291	53.096
2003	54.2033	-4.80	0.9833	55.569
2004	56.0399	-3.28	0.2801	56.267
2005	55.0855	1.73	0.8396	53.067
2006	51.3143	7.35	1.1536	49.132
2007	46.1484	11.19	2.0991	41.401
2008	44.4746	3.76	2.9141	47.485
2009	47.6372	-6.64	0.7112	46.356
2010	45.1097	5.60	1.1125	43.885
2011	43.3131	4.15	0.5243	43.928
2012	42.2288	2.57	0.8150	41.192
2013	42.4462	-0.51	1.3701	44.414
2014	44.3952	-4.39	0.5710	44.617
2015	45.5028	-2.43	1.0807	47.166
2016	47.4925	-4.19	1.1040	49.813
2017	50.4037	-5.78	0.5867	49.923
2018	52.6614	-4.29	1.0107	52.724
2019	51.7958	1.67	0.6400	50.744
2020	49.6241	4.38	1.0884	48.036
2021	49.2546	0.75	1.0792	50.774
2022	54.4778	-9.59	2.6219	56.120
2023	55.6304	-2.07	0.7906	55.567
n.a. - not available				

Philippine peso per US dollar Rate												
Frequency: Daily												
Conversion: None												
Range: 1978 - present												
2024												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..											
2	55.4180											
3	55.5370											
4	55.7090											
5	55.6190											
6	..											
7	..											
8	55.6130											
9	55.5530											
10	55.8320											
11	56.2860											
12	56.1160											
13	..											
14	..											
15	55.9840											
16	55.8810											
17	55.8850											
18	56.0150											
19	55.8280											
20	..											
21	..											
22	55.8740											
23	56.1630											
24	56.3010											
25	56.3000											
26	56.3180											
27	..											
28	..											
29	56.4090											
30	56.4140											
31	56.3350											
2023												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	54.5710	55.2100	..	..	56.2410	..	54.8340	..	..	..	55.4510
2	..	54.5910	55.0770	..	55.4970	56.2190	..	54.7540	..	56.6600	..	..
3	55.8150	53.9550	54.9840	54.3180	55.3670	..	55.3680	54.9870	..	56.7280	56.8080	..
4	55.7460	..	..	54.5910	55.3320	..	55.1770	55.3880	56.6510	56.8800	..	55.4800
5	56.0140	..	..	54.5760	55.2010	55.9610	55.2540	..	56.5690	56.7490	..	55.3200
6	55.8980	53.7720	54.8330	..	..	56.1270	55.3930	..	56.7880	56.6320	56.2520	55.3760
7	..	54.2790	54.8440	..	..	56.2040	55.5460	55.6750	56.9380	..	55.8260	55.3190
8	..	54.8480	55.0810	..	55.2920	56.0760	..	55.7430	56.8490	..	56.1380	..
9	55.6810	54.8800	55.3970	..	55.2940	56.1470	..	56.2580	..	56.6170	56.0310	..
10	55.1640	54.7440	55.2380	..	55.5500	..	55.5970	56.2980	..	56.8760	55.9190	..
11	54.8580	..	..	54.4280	55.7700	..	55.6170	56.3100	56.6590	56.8840	..	55.3470
12	54.9280	..	..	54.7340	55.6720	..	55.3920	..	56.6320	56.7450	..	55.5980
13	55.1760	54.5430	55.2030	55.1010	..	55.9960	55.0450	..	56.7110	56.7430	55.9550	55.6040
14	..	54.7020	54.9190	55.2700	..	56.0470	54.5680	56.2040	56.6730	..	56.0500	55.8590
15	..	54.7840	55.0250	..	55.8760	55.9700	..	56.8030	56.7160	..	56.0850	55.6890
16	55.0100	55.1050	54.8610	..	55.9710	56.0420	..	56.7670	..	56.8210	55.8080	..
17	54.6510	55.2170	54.9720	55.1530	56.1170	..	54.3840	56.7620	..	56.8360	55.8640	..
18	54.7900	..	..	55.5890	56.1660	..	54.4160	56.6780	56.8380	56.7430	..	55.6950
19	54.8300	..	..	56.0940	55.9670	55.8070	54.4120	..	56.8270	56.7380	..	55.8190
20	54.6880	55.2520	54.6780	56.0800	..	55.8440	54.5440	..	56.7700	56.8640	55.6450	55.9170
21	..	55.1680	54.6530	..	..	55.7300	54.4610	..	56.7800	..	55.4930	55.8130
22	..	55.0080	54.3530	..	55.7080	55.6290	..	56.4340	56.9080	..	55.3710	55.6860
23	54.6390	55.1330	54.5190	..	55.7970	55.5950	..	56.2150	..	56.7920	55.5100	..
24	54.3880	..	54.4510	56.2780	55.6710	..	..	56.5210	..	56.8210	55.4840	..
25	54.5210	..	..	55.9190	55.7700	..	54.6690	56.7020	56.8370	56.7520	..	..
26	54.6250	..	..	55.5670	55.9160	55.6450	54.5600	..	56.7810	56.8270	..	..
27	54.4820	55.0140	54.3220	55.6080	..	55.7390	54.6410	..	56.9110	56.9550	..	55.3830
28	..	55.3120	54.4390	55.7420	..	..	54.5300	..	56.9390	..	55.4060	55.6550
29	..	..	54.3760	..	55.8330	55.5100	..	56.6640	56.9610	..	55.4590	55.5670
30	54.3680	..	54.4340	..	55.9860	55.3620	..	56.6580	..	..	55.3280	..
31	54.5450	..	54.4290	..	56.2600	..	54.8470	56.7020	..	56.9030	..	..
2022												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	51.3850	51.9060	..	52.4120	54.9700	55.3220	56.1710	..	..	56.5980
2	..	51.1350	51.2490	..	52.3350	52.4610	..	55.3960	56.3620	..	58.0470	56.3180
3	50.9740	51.1020	51.3910	..	..	52.5800	..	55.3930	..	58.6460	58.2240	..
4	50.9890	51.0410	51.4700	51.6640	52.2970	..	55.1170	55.6740	..	58.8770	58.6610	..
5	51.2460	..	..	51.4500	52.4600	..	55.0900	55.7120	56.7910	58.8560	..	55.9830
6	51.1080	..	..	51.2620	52.3310	52.8210	55.0840	..	56.9410	58.6240	..	55.8220
7	51.1310	51.0290	51.6960	51.3860	..	52.9160	55.5740	..	56.9500	58.6240	58.6220	56.0180
8	..	51.2930	52.0610	51.3850	..	52.9220	55.9090	55.2940	57.2160	..	58.5010	..
9	..	51.4360	52.1950	..	..	52.8990	..	55.5940	57.1400	..	58.2920	55.6110
10	51.2490	51.3770	52.2390	..	52.4850	52.9450	..	55.5420	..	58.8780	58.0770	..
11	51.3470	51.2670	52.1550	51.5280	52.4020	..	55.9710	55.7520	..	58.9940	58.1250	..
12	51.1740	..	..	51.9140	52.2670	..	55.9470	55.4740	56.9180	58.9550	..	55.2700
13	51.1000	..	..	52.1750	52.3860	52.9510	56.3180	..	56.9350	58.9620	..	55.5500
14	51.1150	51.3290	52.2680	..	..	53.2490	56.3390	..	56.8570	58.9500	57.3510	55.8150
15	..	51.3750	52.4230	..	..	53.2730	56.2420	55.5320	57.1600	..	57.3120	55.7010
16	..	51.3700	52.4020	..	52.4340	53.3700	..	55.8430	57.0730	..	57.3490	55.7420
17	51.0700	51.2960	52.2850	..	52.4550	53.3720	..	55.9660	..	58.9310	57.4360	..
18	51.2780	51.2880	52.1670	51.9750	52.4480	..	56.3690	55.8260	..	58.9930	57.4510	..
19	51.3200	..	..	52.2310	52.4220	..	56.3410	55.8560	57.3630	58.9300	..	55.7090
20	51.4580	..	..	52.3810	52.3900	53.5510	56.3350	..	57.3630	58.8870	..	55.4390
21	51.4280	51.3140	52.3360	52.4530	..	54.0050	56.2770	..	57.4200	58.9860	57.3470	55.3330
22	..	51.3930	52.3650	52.3950	..	54.2070	56.3450	55.9790	57.8900	..	57.3140	55.1710
23	..	51.4450	52.4270	..	52.2710	54.4840	..	56.1070	58.4060	..	57.3940	55.1300
24	51.4230	51.2710	52.3730	..	52.2500	54.4910	..	..	..	58.8300	57.2030	..
25	51.3120	..	52.3640	52.3370	52.3290	..	56.3270	56.2010	..	58.8280	56.7900	..
26	51.3130	..	..	52.4280	52.3490	..	56.1840	56.0080	..	..	..	..
27	51.2400	..	..	52.2550	52.3790	54.8390	55.6470	..	58.3490	58.6310	..	55.2710
28	51.3930	51.2910	52.2110	52.2610	..	54.9820	55.6350	..	58.9040	58.2880	56.7530	55.3930

Classification: GENERAL

29	..	...	52.2100	52.1580	..	54.7570	55.7220	..	58.9900	..	56.7960	56.1200
30	..	...	52.0690	..	52.3020	55.0210	..	56.0380	58.9100	..	..	..
31	51.2730	...	51.9600	...	52.2430	..	..	56.2430	...	..	...	..
2021												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	48.0760	48.6530	..	..	47.7230	48.7040	..	49.7620	50.8790	..	50.3840
2	..	48.0620	48.6010	..	..	47.6660	49.0040	50.2230	49.9280	..	50.5520	50.3870
3	..	48.0590	48.5710	..	48.1560	47.8210	..	49.9980	50.0120	..	50.4530	50.4010
4	48.0210	48.0220	48.5310	..	48.0880	47.8060	..	49.8450	..	50.8910	50.5400	..
5	48.0220	48.0650	48.5730	48.5440	48.0430	..	49.1660	49.7170	..	50.7440	50.5670	..
6	48.0440	..	..	48.5560	48.0270	..	49.2290	50.0120	49.7810	50.7110	..	50.4050
7	48.0600	..	..	48.5740	47.9790	47.8000	49.4110	..	49.9300	50.7600	..	50.3700
8	48.0530	48.0900	48.5990	48.5760	..	47.6920	49.7860	..	49.9480	50.7330	50.4890	..
9	..	48.0490	48.5640	..	..	47.6900	49.8700	50.3610	50.1360	..	50.2410	50.3030
10	..	48.0450	48.5440	..	47.9000	47.7390	..	50.3660	50.0500	..	50.0330	50.2770
11	48.0790	48.0400	48.5640	..	47.8250	47.7280	..	50.3940	..	50.4870	50.0680	..
12	48.0910	..	48.5190	48.5790	47.8700	..	50.0830	50.4110	..	50.6650	50.1880	..
13	48.0660	..	..	48.5640	..	..	50.1110	50.3930	49.8970	50.8280	..	50.3300
14	48.0490	..	..	48.5540	47.8340	47.7110	50.1380	..	50.0050	50.6880	..	50.3320
15	48.0670	48.0320	48.4350	48.5000	..	47.8290	50.1780	..	49.9090	50.6090	50.0020	50.3610
16	..	47.9520	48.4930	48.4790	..	47.9620	50.2790	50.4180	49.8560	..	49.9310	50.3340
17	..	48.0540	48.5680	..	47.8250	48.1280	..	50.5320	49.8520	..	50.2720	50.1350
18	48.0530	48.3840	48.6580	..	47.8220	48.3680	..	50.5580	..	50.6860	50.3950	..
19	48.0660	48.4050	48.6730	48.3930	47.8610	..	50.2030	50.3500	..	50.8070	50.3030	..
20	48.0690	..	..	48.3990	47.8300	..	..	50.5130	49.9730	50.7550	..	49.9640
21	48.0420	..	..	48.3020	47.9180	48.3870	50.4440	..	50.1520	50.8020	..	49.9540
22	48.0470	48.4400	48.6740	48.3880	..	48.6300	50.3120	..	50.1330	50.8150	50.3320	49.9140
23	..	48.5620	48.5840	48.4020	..	48.7170	50.2350	50.4240	50.1820	..	50.6620	50.0380
24	..	48.7010	48.6060	..	47.8970	48.7910	..	50.2300	50.3720	..	50.6770	50.1180
25	48.0760	..	48.6810	..	48.0190	48.8380	..	50.1590	..	50.8320	50.5180	..
26	48.0670	48.6370	48.6310	48.3830	48.0790	..	50.2380	50.0740	..	50.7670	50.4600	..
27	48.0620	..	..	48.3470	48.1380	..	50.3410	49.9030	50.4220	50.7210	..	50.0200
28	48.0730	..	..	48.4080	48.0910	48.5700	50.3380	..	50.9210	50.7820	..	50.1340
29	48.1210	...	48.5460	48.4400	..	48.6040	50.3900	..	50.9470	50.7700	50.4580	50.2690
30	..	...	48.4750	48.3900	..	48.5440	50.3420	..	50.9590	..	..	..
31	..	...	48.4660	...	47.9010	...	..	50.0400	...	..	...	50.7740
2020												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	..	50.7800	..	50.5850	49.7900	..	48.4830	48.4220	..	48.0850
2	50.8020	..	50.8970	50.7820	..	50.4380	49.8130	..	48.4760	48.4580	..	48.1100
3	50.6460	50.8550	50.8560	50.9110	..	50.3440	49.7770	49.1140	48.5910	..	48.3960	48.0440
4	..	50.9460	50.6860	..	50.4440	50.1700	..	49.1040	48.5320	..	48.3790	48.0460
5	..	50.7630	50.5820	..	50.5760	49.9820	..	49.1140	..	48.4630	48.3920	..
6	50.8720	50.8410	50.6040	50.7580	50.5440	..	49.6310	49.0540	..	48.4280	48.3500	..
7	51.1610	50.7800	..	50.7620	50.5560	..	49.4590	49.0550	48.5870	48.3770	..	48.0330
8	50.8410	..	..	50.7010	50.5140	49.9040	49.4060	..	48.6160	48.4440	..	..
9	50.9560	..	50.7020	..	..	49.8860	49.5500	..	48.6260	48.3770	48.2720	48.0710
10	50.6030	50.7830	50.6260	..	..	49.9510	49.4440	49.0820	48.6150	..	48.1340	48.0810
11	..	50.7820	50.5130	..	50.4580	49.9540	..	49.0380	48.5790	..	48.2370	48.0670
12	..	50.7000	50.5070	..	50.3480	..	..	48.9700	..	48.3080	..	..
13	..	50.5690	50.8600	50.6420	50.3540	..	49.4900	48.9620	..	48.3800	48.2910	..
14	50.7050	50.5040	..	50.6160	50.2820	..	49.4070	48.8900	48.5510	48.5560	..	48.0720
15	50.5120	..	..	50.5920	50.3720	49.9350	49.5440	..	48.5220	48.6230	..	48.0540
16	50.7000	..	51.1180	50.6280	..	50.2930	49.4660	..	48.4280	48.6200	48.3020	48.0590
17	50.7600	50.4900	..	50.7130	..	50.1460	49.5440	48.8050	48.3940	..	48.1690	48.0590
18	..	50.5650	51.1740	..	50.5880	50.1370	..	48.6870	48.4540	..	48.2400	48.0590
19	..	50.6130	51.3200	..	50.7800	50.0380	..	48.6270	..	48.6340	48.2650	..
20	50.8980	50.5730	51.2150	50.7870	50.7870	..	49.4930	48.5610	..	48.5780	48.2790	..
21	50.9440	50.6220	..	50.8800	50.6940	..	49.4150	..	48.4100	48.5780	..	48.0560
22	51.0390	..	..	50.8360	50.5820	50.1520	49.3160	..	48.3670	48.5890	..	48.0620
23	50.9420	..	50.9470	50.8350	..	50.0690	49.3390	..	48.4490	48.5900	48.2500	48.0910
24	50.9630	50.7670	51.2210	50.7040	..	50.1830	49.4110	48.6540	48.5080	..	48.1920	..
25	..	..	51.0760	..	..	50.0720	..	48.6510	48.5450	..	48.1770	..
26	..	51.0140	51.0480	..	50.7400	50.0130	..	48.5040	..	48.5870	48.1100	..
27	50.8990	51.0470	51.0740	50.7510	50.6170	..	49.3500	48.5300	..	48.3900	48.1020	..
28	50.8720	50.9370	..	50.7400	50.5930	..	49.2230	48.6210	48.4720	48.4360	..	48.0620
29	50.8180	..	..	50.6910	50.7270	49.9390	49.2010	..	48.4550	48.3690	..	48.0360
30	50.7730	...	50.9050	50.5890	..	49.8510	49.2170	..	48.4650	48.4010	..	..
31	50.9040	...	51.0440	...	..	...	..	..	...	..	...	..
2019												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	52.1610	51.7690	52.6290	..	..	51.2330	50.8650	..	51.7950	..	..
2	52.5630	..	..	52.5160	52.0980	..	51.1640	51.1050	52.1290	51.8610	..	50.7580
3	52.5710	..	..	52.5090	51.8200	52.2220	51.1060	..	52.1360	51.9200	..	50.8920
4	52.6250	52.2350	51.7760	52.2620	..	52.0160	51.1880	..	52.2580	51.9500	50.7690	51.0590
5	..	..	51.7610	52.1050	..	..	51.0960	51.3670	52.1290	..	50.4950	51.0670
6	..	52.3580	52.0370	..	51.9300	51.7580	..	51.7500	51.8830	..	50.5430	50.8590
7	52.5600	52.3100	52.2810	..	52.0060	51.7720	..	52.0030	..	51.7080	50.5600	..
8	52.3580	52.2900	52.1600	52.1860	51.8960	..	51.1570	52.1860	..	51.8620	50.5500	..
9	52.4540	..	..	..	52.0240	..	51.3330	52.2300	51.9590	51.7910	..	50.7650
10	52.3760	..	..	52.1820	52.2480	51.7580	51.3270	..	51.8440	51.8280	..	50.8360
11	52.1710	52.1610	52.2770	52.0090	..	52.0750	51.4080	..	51.9430	51.6890	50.4890	50.7360
12	..	51.9980	52.2040	51.8500	..	..	51.2590	..	52.1330	..	50.7170	50.7630
13	..	52.1950	52.3730	..	..	51.9690	..	51.9010	52.0010	..	50.8010	50.7330
14	52.2350	52.0030	52.7160	..	52.1740	51.9230	..	52.1930	..	51.5370	50.8760	..
15	52.1970	52.2630	52.5910	51.9290	52.3880	..	51.1640	52.1950	..	51.5060	50.8260	..
16	52.1280	..	..	51.6790	52.3540	..	51.0880	52.5190	51.8350	51.5880	..	50.5690
17	52.1660	..	..	51.7240	52.4090	51.9140	50.9440	..	52.2620	51.6780	..	50.6140
18	52.2880	52.4390	52.6890	..	..	52.1240	51.0090	..	52.3370	51.4860	50.5920	50.6070
19	..	52.3440	52.6830	..	..	52.1160	51.0290	52.4670	52.2150	..	50.6180	50.5970
20	..	52.3130	52.7870	..	52.5370	51.8860	..	52.3080	52.2800	..	50.8040	50.6300
21	52.4550	52.1090	52.8870	..	52.6480	51.7170	..	..	..	51.3440	50.9590	..
22	52.7250	52.0560	52.8010	51.8020	52.5510	..	50.9770	52.3940	..	51.1770	50.9570	..
23	52.8870	..	..	..	52.4790	..	51.1120	52.2430	52.1420	51.1520	..	50.7360
24	52.7720	..	..	51.9460	52.5220	51.4730	51.1600	..	52.0600	51.1800	..	..
25	52.7350	..	52.5390	52.1950	..	51.4980	51.2390	..	52.1890	51.0610	50.7800	..
26	..	52.1490	52.5600	52.2460	..	51.3560	51.1070	..	52.2620	..	50.7830	50.8430
27	..	52.0310	52.4280	..	52.3580	51.5180	..	52.3260	52.1700	..	50.7610	50.7440

29	52.4660	...	52.7820	52.1450	52.2680	..	51.1570	52.2730	..	51.1430	50.7980	..
30	52.4820	...	..	52.1060	52.3820	..	51.0160	52.3390	52.0420	51.0440	..	..
31	52.3520	...	..	...	52.2570	...	51.0130	..	...	51.0330	...	..
2018												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	51.3410	52.0700	..	..	52.5540	..	53.1600	..	54.1020	..	..
2	..	51.4910	52.0150	52.2500	51.7340	..	53.4040	53.1150	..	54.0950	..	..
3	49.9580	..	..	52.1350	51.8670	..	53.3900	53.0080	53.4750	54.2510	..	52.3890
4	49.8570	..	..	52.0260	51.8600	52.5940	53.4320	..	53.5040	54.2260	..	52.3350
5	49.8790	51.6560	51.8640	52.0590	..	52.5780	53.3430	..	53.5300	54.3450	53.5270	52.5420
6	..	51.5490	51.9430	52.1280	..	52.5330	53.4100	53.1460	53.5470	..	53.2690	52.7060
7	..	51.5500	51.9260	..	51.6470	52.3600	..	53.0400	53.6840	..	53.1470	52.8100
8	49.7690	51.2070	52.0290	..	51.8050	52.4590	..	52.9220	..	54.2810	52.9920	..
9	50.0000	51.3030	52.0160	..	51.8870	..	53.4120	53.0250	..	54.2320	52.6350	..
10	50.2320	..	..	52.0840	52.0080	..	53.3590	53.1070	53.8310	54.1660	..	52.6560
11	50.3810	..	..	51.9920	51.8870	52.6500	53.4640	..	53.8540	54.1710	..	52.7860
12	50.3780	51.6510	52.0940	51.9350	..	..	53.5160	..	53.9240	54.2380	52.9230	52.8440
13	..	51.6510	52.0080	52.0170	..	52.9020	53.5240	53.1360	54.0090	..	53.2030	52.6650
14	..	51.9160	52.0380	..	..	53.1220	..	53.3070	54.0040	..	53.1940	52.6150
15	50.3010	52.0240	52.0560	..	52.0980	..	..	53.4510	..	54.0810	53.0470	..
16	50.3500	..	52.0730	51.9890	52.4010	..	53.4700	53.4990	..	54.1300	52.9140	..
17	50.4540	..	..	52.0270	52.2860	..	53.5220	53.4430	54.0110	54.0440	..	52.7600
18	50.6500	..	..	52.0720	52.2540	53.3130	53.4660	..	54.2070	53.8910	..	53.0080
19	50.7550	52.0050	52.0020	52.0970	..	53.4580	53.4690	..	54.1020	53.9990	52.6800	52.9730
20	..	52.3540	52.0410	52.0650	..	53.3950	53.5200	53.4140	54.0600	..	52.6000	53.0260
21	..	52.2330	52.1120	..	52.3200	53.3890	..	..	54.0160	..	52.5330	53.1730
22	50.6890	52.1240	52.0760	..	52.4100	53.4190	..	53.3860	..	53.8780	52.5000	..
23	50.8350	52.1160	52.1580	52.1370	52.3130	..	53.5150	53.3950	..	53.7330	52.2770	..
24	51.0080	..	..	52.1730	52.3730	..	53.4460	53.4880	54.0270	53.8710	..	..
25	51.0210	..	..	52.3030	52.5330	53.3490	53.4930	..	54.2110	53.7370	..	..
26	50.8190	51.8930	52.3380	52.2870	..	53.4050	53.3810	..	54.3220	53.7890	52.3910	..
27	..	51.8290	52.2860	52.2310	..	53.4210	53.3540	..	54.2690	..	52.3940	53.0620
28	..	52.0340	52.2070	..	52.5860	53.4823	..	53.4950	54.2510	..	52.5230	52.7240
29	50.8850	..	..	..	52.5310	53.5220	..	53.3620	..	53.7320	52.6080	..
30	51.0400	..	..	51.9650	52.6020	..	53.3710	53.4110	..	53.5990	..	..
31	51.4210	..	..	..	52.6890	..	53.2630	53.4340	..	53.6060	..	..
2017												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	49.7570	50.2550	..	..	49.7610	..	50.5020	..	..	..	50.3460
2	..	49.7830	50.2910	..	49.9000	49.7810	..	50.3970	..	50.8300	51.6860	..
3	49.7690	49.7830	50.3070	50.2190	50.0540	..	50.4490	50.4220	..	51.0360	51.4880	..
4	49.7880	..	..	50.1440	49.9330	..	50.5170	50.3650	51.1710	51.1780	..	50.3210
5	49.7320	..	..	50.1580	49.9270	49.6310	50.5390	..	51.1830	50.9510	..	50.5570
6	49.5310	49.8010	50.3730	50.1630	..	49.4040	50.5210	..	51.1180	51.0180	51.2700	50.5900
7	..	49.7290	50.3790	50.1730	..	49.4680	50.6350	50.1850	51.1360	..	51.3040	50.6760
8	..	49.6710	50.3190	..	49.9050	49.5260	..	50.3100	51.0230	..	51.2350	50.7410
9	49.4660	49.8230	50.2910	..	49.8550	49.5450	..	50.3880	..	51.1180	51.3840	..
10	49.6160	49.8880	50.3770	50.1660	49.9140	..	50.6090	50.6210	..	51.1640	51.2730	..
11	49.5480	..	..	49.7790	49.9630	..	50.6630	50.6880	50.7630	51.3080	..	50.5720
12	49.5640	..	..	49.6700	49.9330	..	50.7700	..	..	51.4670	..	50.3430
13	49.5300	49.9170	50.3490	..	..	49.4900	50.5790	..	50.8900	51.3850	51.2390	50.4350
14	..	49.9250	50.2970	..	..	49.5580	50.4810	51.0090	50.9670	..	51.2320	50.4750
15	..	49.8940	50.3570	..	49.8130	49.4950	..	50.9830	51.1430	..	51.1420	50.3980
16	49.6220	49.9220	50.3180	..	49.7100	49.5250	..	51.2170	..	..	51.1160	..
17	49.8490	49.9250	50.1910	49.5300	49.6510	..	50.6230	51.4380	..	51.4820	50.9130	..
18	49.9310	..	..	49.5350	49.7420	..	50.6330	51.3010	51.2420	51.2930	..	50.4880
19	49.7600	..	..	49.6030	49.8340	49.8500	50.7590	..	51.1770	51.3870	..	50.4290
20	49.9530	49.9870	50.1540	49.7090	..	49.8590	50.8230	..	51.0360	51.4630	50.8160	50.4620
21	..	50.1820	50.1450	49.8120	..	50.0640	50.8830	..	50.8870	..	50.9400	50.3020
22	..	50.3050	50.1640	..	49.9060	50.2390	..	51.4940	51.0860	..	50.7970	50.1940
23	49.9070	50.2400	50.3010	..	49.7530	50.3270	..	51.3770	..	51.5080	50.6280	..
24	49.8480	50.2320	50.3390	49.7880	49.7850	..	50.7600	51.2020	..	51.5070	50.6140	..
25	49.8100	..	..	49.8040	49.9680	..	50.7460	51.0500	50.8560	51.5130	..	..
26	49.8460	..	..	49.7130	49.8750	..	50.6980	..	50.6290	51.7180	..	..
27	49.6950	50.1970	50.3500	49.6990	..	50.3140	50.5860	..	50.8300	51.7410	50.6850	50.2450
28	..	50.2670	50.1770	..	..	50.2620	50.5460	..	50.9690	..	50.6400	50.0030
29	..	..	50.1800	..	49.8390	50.4370	..	51.0950	51.0730	..	50.3650	49.9230
30	49.8830	..	50.2210	..	49.8000	50.4660	..	51.1590	..	51.7990	..	..
31	49.8140	..	50.1940	..	49.8670	..	50.5820	51.1660	..	..	..	..
2016												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	47.6850	47.5680	45.9890	..	46.7240	47.0070	47.0900	46.5520	..	..	49.7470
2	..	47.6850	47.3910	..	46.8870	46.6880	..	46.9550	46.6270	..	48.4850	49.7740
3	..	47.7300	47.2600	..	46.9990	46.5630	..	47.0260	..	48.4820	48.4490	..
4	47.1180	47.8820	47.1150	46.0650	46.9560	..	46.9680	47.0310	..	48.3010	48.3360	..
5	47.1250	47.7530	..	46.0170	47.0620	..	46.8330	47.0140	46.6520	48.2490	..	49.7210
6	47.0450	..	..	46.2220	47.2050	46.4930	..	..	46.5650	48.3560	..	49.7090
7	46.9500	..	46.9560	46.2570	..	46.2410	46.9000	..	46.5970	48.2370	48.4430	49.6100
8	47.0700	..	46.8210	46.1250	..	46.1870	47.0400	46.9590	46.5540	..	48.5450	49.7000
9	..	47.7100	46.9780	..	..	46.0620	..	46.8830	46.8370	..	48.6260	49.6490
10	..	47.7370	46.9400	..	47.2470	45.9170	..	46.8890	..	48.3430	48.6740	..
11	47.0190	47.5380	46.7440	46.1920	46.9200	..	47.0950	46.7770	..	48.2800	48.6660	..
12	47.2710	47.4310	..	46.1150	46.6380	..	47.1630	46.7330	..	48.4970	..	49.7790
13	47.3250	..	..	46.0710	46.5840	46.1190	47.3940	..	47.0980	48.5810	..	49.8230
14	47.4570	..	46.6920	45.9830	..	46.1460	47.2480	..	47.4370	48.4730	48.9080	49.7680
15	47.6790	47.5670	46.5060	46.2560	..	46.1890	47.0990	46.6990	47.5430	..	49.1300	49.8020
16	..	47.4880	46.7320	..	46.6720	46.3940	..	46.5350	47.5710	..	49.1800	49.9220
17	..	47.5080	46.8280	..	46.5190	46.3510	..	46.3120	..	48.3410	49.2190	..
18	47.7220	47.6580	46.4430	46.1340	46.3850	..	46.8770	46.3730	..	48.5210	49.4190	..
19	47.7500	47.5590	..	46.1740	46.5960	..	46.7570	46.3060	47.7260	48.3670	..	49.9020
20	47.6730	..	..	46.0990	46.8550	46.4180	46.8440	..	47.8680	48.1830	..	49.9300
21	47.7820	..	46.2700	46.1330	..	46.3630	47.0640	..	47.8550	48.0410	49.7730	49.9840
22	47.8680	47.6650	46.4930	46.3840	..	46.3680	47.1630	46.3890	47.8030	..	49.8670	49.9840
23	..	47.6300	46.2560	..	46.7720	46.5110	..	46.6020	47.8350	..	49.8060	49.9750
24	..	47.6230	..	..	46.7920	46.5330	..	46.5200	..	48.2840	49.9060	..
25	47.8570	..	..	46.5780	46.8610	..	47.0960	46.5810	..	48.2940	49.9680	..
26	47.8130	47.6770	..	46.7770	46.7900	..	47.1800	46.4890	47.9400	48.3170	..	..
27	47.9870	..	..	46.8440	46.6650	46.8660	47.1930	..	48.2180</			

29	47.8230	47.5600	46.4540	46.7730	..	47.0520	47.0850	..	48.2170	..	49.7770	49.8130
30	..	..	46.3290	..	46.6680	46.9600	..	46.3490	48.2570	..	..	..
31	..	..	46.1080	..	46.7750	..	..	46.4670	..	..	..	..
2015												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	..	44.7250	..	44.5670	45.1370	..	46.7040	46.8310	..	47.1680
2	..	44.0840	44.0820	..	..	44.5490	45.0740	..	46.6960	46.7050	46.8590	47.1530
3	..	44.1910	44.1290	..	..	44.6570	45.1630	45.6810	46.7170	..	46.7960	47.1520
4	..	44.0940	44.0890	..	44.5180	44.6570	..	45.6740	46.7660	..	46.7980	47.1550
5	44.7400	44.0530	44.0840	..	44.6530	44.8080	..	45.7220	..	46.7900	46.7430	..
6	44.9710	44.1290	44.1590	44.6230	44.6260	..	45.0760	45.7380	..	46.5800	46.9060	..
7	44.9800	..	..	44.3990	44.5260	..	45.1240	45.7820	46.7370	46.4050	..	47.0810
8	45.0320	..	..	44.4840	44.6500	44.9110	45.1410	..	46.9130	46.2730	..	47.1120
9	45.0640	44.1630	44.1180	..	..	45.1030	45.2320	..	46.9880	46.1250	46.9020	47.1670
10	..	44.3150	44.2500	44.5590	..	45.0210	45.1700	45.7790	46.8150	..	47.1540	47.1530
11	..	44.3540	44.2630	..	44.6900	44.9660	..	45.7300	46.9260	..	47.2100	47.1820
12	44.9460	44.3530	44.3420	..	44.6090	..	..	45.8600	..	45.9260	47.1310	..
13	44.8640	44.3960	44.2710	44.5150	44.7960	..	45.1540	46.2140	..	45.8670	46.9930	..
14	44.8320	..	..	44.6330	44.7610	..	45.1510	46.1290	46.8210	45.9830	..	47.2290
15	..	..	..	44.6340	44.5690	45.0390	45.2050	..	46.7710	46.0920	..	47.3390
16	..	44.2770	44.2710	44.5550	..	45.2610	45.2000	..	46.7430	45.7960	47.0320	47.3800
17	..	44.2510	44.4020	44.4120	..	45.1570	..	46.2080	46.7000	..	..	47.3240
18	..	44.2790	44.4610	..	44.5120	45.1380	..	46.2870	46.5170	..	..	47.3050
19	..	..	44.6910	..	44.4550	45.0170	..	46.3500	..	45.9750	..	..
20	44.6810	44.2360	44.6610	44.3370	44.5270	..	45.2620	46.3060	..	46.0890	..	..
21	44.6790	..	..	44.2300	44.6110	..	45.2590	..	46.4930	46.1840	..	47.4350
22	44.4960	..	..	44.2900	44.5100	45.0110	45.2820	..	46.5160	46.4140	..	47.3020
23	44.3610	44.2060	44.8310	44.2130	..	45.0260	45.2470	..	46.5520	46.5280	47.1960	47.2980
24	..	44.2560	44.8210	44.2680	..	45.1280	45.3490	46.3690	46.7380	..	47.1470	..
25	..	44.3140	44.6900	..	44.5130	45.1450	..	46.7970	..	..	47.1340	..
26	44.1580	44.1680	44.7720	..	44.6210	45.1430	..	46.7110	..	46.4540	47.0370	..
27	44.0820	44.0870	44.8270	44.2240	44.6900	..	45.4660	46.6560	..	46.6070	47.0690	..
28	44.1170	..	..	44.2480	44.7250	..	45.5360	46.7050	46.9020	46.6550	..	47.2750
29	44.1400	..	..	44.2590	44.6500	45.1420	45.5040	..	46.8180	46.7710	..	47.1660
30	44.1320	..	44.7960	44.2500	..	45.2000	45.4780	..	46.9260	46.8900	..	..
31	..	..	44.7960	..	..	..	45.6180	..	..	..	..	..
2014												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	..	44.8090	..	..	43.6470	43.4650	43.6600	44.8820	..	44.9050
2	44.3980	..	..	44.7510	44.5410	43.8320	43.5950	..	43.5560	44.9660	..	44.9150
3	44.3430	45.3420	44.6640	44.7860	..	43.8490	43.6130	..	43.5770	44.7570	44.8810	44.7620
4	..	45.3890	44.7290	44.9800	..	43.8400	43.6360	43.7270	43.6530	..	44.9600	44.7410
5	..	45.4060	44.8150	..	44.5310	43.8980	..	43.7030	43.5660	..	44.9570	44.6480
6	44.6280	45.3200	44.7590	..	44.4140	43.8140	..	43.5690	..	..	44.8930	..
7	44.7210	45.2380	44.6390	45.0030	44.3560	..	43.5410	43.7220	..	44.7730	45.0380	..
8	44.7790	..	..	44.8600	44.2730	..	43.4780	43.9460	43.6740	44.6980	..	..
9	44.7560	..	..	44.2320	43.6680	43.4450	..	43.5620	44.7670	..	44.5100	..
10	44.7130	45.0440	44.4360	44.8290	..	43.5580	43.3420	..	43.7120	44.6240	45.0690	44.5820
11	..	44.9220	44.5120	44.4260	..	43.6590	43.2800	44.1750	43.8780	..	44.8790	44.5760
12	..	45.0120	44.4840	..	43.7750	..	..	43.9260	43.8980	..	44.9120	44.5770
13	44.6560	44.9640	44.6310	..	43.7210	43.7570	..	43.8770	..	44.7470	44.9130	..
14	44.5690	44.8920	44.5660	44.3710	43.7810	..	43.5030	43.9440	..	44.7880	44.8730	..
15	44.7350	..	..	44.4200	43.6270	..	43.5210	43.7550	43.9670	44.7590	..	44.5600
16	44.9800	..	..	44.5260	43.6460	43.7880	..	..	44.0960	44.8690	..	44.6320
17	45.1060	44.7700	44.6740	..	..	43.8790	43.5950	..	44.2360	44.8180	44.9300	44.8020
18	..	44.5230	44.6880	..	..	43.9510	43.5540	43.6710	44.1570	..	44.8870	44.7110
19	..	44.5510	44.6480	..	43.7700	44.0170	..	43.6870	..	..	44.9390	44.7490
20	45.0670	44.6300	44.8290	..	43.6320	43.8720	..	43.6870	..	44.9270	45.0540	..
21	45.1220	44.7430	45.0700	44.4870	43.7280	..	43.5950	..	..	44.8300	45.1190	..
22	45.1980	..	..	44.4050	43.7920	..	43.4490	43.7830	44.5110	44.7750	..	44.7530
23	45.2570	..	..	44.5170	43.7130	43.7860	43.3590	..	44.4550	44.7790	..	44.6520
24	45.2710	44.6520	45.2360	44.6190	..	43.7900	43.2880	..	44.5530	44.8220	44.9960	..
25	..	44.6370	45.2120	44.6890	..	43.8580	43.2970	..	44.5000	..	44.9360	..
26	..	44.5740	45.0520	..	43.6200	43.9190	..	43.8090	44.5960	..	44.9600	..
27	45.3010	44.6350	45.0180	..	43.7000	43.8350	..	43.7950	..	44.8150	44.9160	..
28	45.4040	44.6560	44.9650	44.7090	43.7120	..	43.3340	43.6900	..	44.7620	44.9160	..
29	45.2990	..	..	44.5400	43.9050	..	..	43.6480	44.8050	44.7810	..	44.6170
30	45.1550	..	..	44.4630	43.9270	43.7800	43.3040	..	44.9660	44.7380	..	..
31	..	..	44.9960	..	..	..	43.4210	..	..	44.8760	..	..
2013												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	40.6660	40.6620	40.9180	..	..	43.2570	43.5170	..	43.5420	..	..
2	41.0780	..	..	40.8110	41.1310	..	43.1000	43.4850	44.6000	43.3910	..	43.7570
3	40.8980	..	..	40.8350	41.1740	42.2740	43.2990	..	44.5620	43.4050	..	43.6880
4	40.7940	40.7340	40.7060	40.9200	..	42.1590	43.4170	..	44.3340	43.1940	43.2450	43.7640
5	..	40.6030	40.7780	41.0650	..	41.9780	43.4180	43.6480	44.5420	..	43.3150	43.7800
6	..	40.6370	40.7150	..	40.9430	41.9060	..	43.5100	44.4030	..	43.2810	43.8480
7	40.8560	40.6470	40.6820	..	40.8650	42.1430	..	43.5060	..	43.1380	43.2760	..
8	40.8940	40.6850	40.7480	41.1720	40.9010	..	43.4090	43.6240	..	43.1180	43.2300	..
9	40.8450	..	..	..	40.8320	..	43.6610	..	44.5140	43.1270	..	43.9100
10	40.8160	..	..	41.2610	40.7740	42.1300	43.5840	..	44.3250	43.1500	..	44.0400
11	40.7330	40.6860	40.7160	41.1050	..	42.5600	43.4080	..	43.9270	43.2390	43.2350	44.2620
12	..	40.6850	40.6960	40.9860	..	..	43.2820	43.6210	43.7930	..	43.4480	44.1350
13	..	40.7060	40.6290	..	..	43.1740	..	43.6210	43.7640	..	43.6770	44.1900
14	40.6010	40.6580	40.5880	..	41.0990	43.2070	..	43.7360	..	43.1130	43.7360	..
15	40.6510	40.6300	40.6060	41.2220	41.1630	..	43.3670	43.8020	..	..	43.5440	..
16	40.5690	..	..	41.2330	41.1700	..	43.4440	43.7560	43.9070	43.1520	..	44.1800
17	40.6370	..	..	41.3770	41.1920	42.8450	43.3200	..	43.6670	43.1920	..	44.1580
18	40.6160	40.6100	40.6000	41.2720	..	42.8880	43.3200	..	43.7400	43.0980	43.5770	44.1540
19	..	40.6320	40.7050	41.2860	..	43.1030	43.4260	..	43.5490	..	43.6130	44.2760
20	..	40.6230	40.6660	..	41.1860	43.2100	..	..	43.0850	..	43.5700	44.4140
21	40.5800	40.6230	40.7430	..	41.2300	43.6540	..	..	..	43.0690	43.5760	..
22	40.6850	40.7260	40.7370	41.1180	41.1520	..	43.4270	43.7650	..	43.1420	43.7910	..
23	40.6440	..	..	41.1550	41.1880	..	43.2440	44.1170	43.0700	43.2080	..	44.4930
24	40.6260	..	..	41.3000	41.5080	43.8940	43.1710	..	43.1800	43.0770	..	..
25	40.6370	40.7180	40.8210	41.3070	..	43.8100	43.2500	..	43.3570	43.1100	43.8550	..
26	..	40.7040	40.8060	41.2930	..	43.6000	43.3660	..	43.4830	..	43.8840	44.4140
27	..	40.7360	40.9380	..	41.6020	43.3900	..	44.2600	43.3570	..	43.7830	44.4140
28	40.6870	4										

29	40.7410	...	..	41.1900	41.8510	..	43.2800	44.6600	..	43.0650	43.7360	..
30	40.8080	...	..	41.1610	42.2790	..	43.3330	44.6350	43.3090	43.1230	..	..
31	40.6530	...	..	...	42.3760	...	43.4020	..	...	43.1790	...	..
2012												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	42.9190	42.7220	..	..	43.6300	..	41.8330	..	41.7390	..	..
2	43.9190	42.9000	42.7590	42.9340	42.2290	..	42.2760	41.7760	..	41.8180	..	..
3	43.7500	42.7130	..	42.7770	42.1660	..	41.9930	41.8500	42.1780	41.6410	..	40.8890
4	43.7580	..	..	42.6630	42.2090	43.5430	41.7890	..	42.0270	41.6510	..	40.8740
5	43.7550	..	42.6720	..	..	43.4790	41.7230	..	41.8840	41.5310	41.2080	40.9140
6	43.9210	42.7310	42.8210	..	..	43.3890	41.6890	41.9290	41.9590	..	41.2450	40.8620
7	..	42.6280	42.9130	..	42.2340	43.2950	..	..	41.9080	..	41.2410	40.9150
8	..	42.5410	42.9870	..	42.3840	43.1220	..	41.7910	..	41.4090	41.1280	..
9	44.1340	42.2840	42.6870	..	42.3170	..	41.8020	41.7960	..	41.4890	41.0650	..
10	44.2460	42.1930	..	42.8210	42.3880	..	41.9510	41.7580	41.7420	41.4080	..	40.9310
11	43.9780	..	..	42.7980	42.4490	43.2370	41.8750	..	41.5830	41.5450	..	40.9320
12	44.0060	..	42.5030	42.8090	..	..	41.8830	..	41.6100	41.6080	41.0800	40.9440
13	44.0230	42.3470	42.6820	42.6800	..	43.0040	41.9500	41.8640	41.4920	..	41.0840	40.9820
14	..	42.4610	42.5650	..	42.4790	42.7810	..	41.9080	41.6780	..	41.1280	41.0590
15	..	42.6430	42.7340	..	42.6270	42.5700	..	41.9400	..	41.4760	41.1120	..
16	43.8130	42.7340	43.0610	42.6700	42.7480	..	42.0710	42.1340	..	41.4960	41.2070	..
17	43.9190	42.8410	..	42.7530	42.9190	..	41.8930	42.3180	41.4760	41.3780	..	41.1350
18	43.6860	..	..	42.7080	42.9130	42.3440	41.7330	..	41.4540	41.2100	..	41.0400
19	43.5090	..	42.9270	42.6320	..	42.1610	41.6300	..	41.7240	41.2700	41.3180	41.0460
20	43.3390	42.6550	42.9360	42.6490	..	42.3110	41.6750	..	41.6500	..	41.2390	41.0590
21	..	42.4980	42.9250	..	43.1810	42.1370	..	..	41.6770	..	41.1480	41.0580
22	..	42.6310	43.0250	..	43.1540	42.2640	..	42.3180	..	41.3950	41.1650	..
23	..	42.7720	43.0490	42.6790	43.1230	..	41.8450	42.3420	..	41.4090	41.0850	..
24	43.2990	42.7680	..	42.6160	43.3420	..	42.0260	42.1640	41.6990	41.3090	..	..
25	43.1860	..	..	42.7180	43.5760	42.4920	42.0370	..	41.7410	41.3760	..	..
26	43.0840	..	43.0500	42.6600	..	42.6170	42.1430	..	41.7310	..	41.0640	41.1330
27	42.8720	42.7150	42.9760	42.5930	..	42.5030	42.0940	..	41.8860	..	41.0100	41.1560
28	..	43.0380	42.9420	..	43.7960	42.3670	..	42.1620	41.8800	..	40.9110	41.1920
29	..	42.8640	42.9260	..	43.5530	42.2830	..	42.3090	..	41.3000	40.8830	..
30	42.8590	...	43.0000	42.4360	43.4940	..	41.9340	42.3520	..	41.2260	..	..
31	42.9460	...	..	...	43.4510	...	41.9070	42.3150	...	41.2630	...	..
2011												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	44.3110	43.6840	43.4080	..	43.2450	43.3640	42.1920	42.3440	..	..	43.630
2	..	44.2130	43.4700	..	42.8630	43.1940	..	41.9550	42.2150	..	42.608	43.318
3	43.8110	44.0160	43.5680	..	42.6900	43.1990	..	42.0670	..	43.7990	42.847	..
4	43.7670	43.9360	43.3740	43.4450	42.8080	..	43.2260	42.3200	..	43.9610	42.9760	..
5	43.7050	..	..	43.3200	42.9630	..	43.0640	42.2690	42.2000	44.1030	..	43.2560
6	43.7730	..	..	43.3810	42.9330	43.2080	43.0930	..	42.2260	43.9550	..	43.3010
7	43.8650	43.7930	43.3000	43.2150	..	43.1620	42.8890	..	42.2860	43.7230	..	43.3890
8	..	43.6610	43.3420	43.1120	..	43.2350	42.8320	42.6110	42.2720	..	42.9570	43.3200
9	..	43.4710	43.3800	..	43.1000	43.2090	..	42.5350	42.3270	..	43.0520	43.3120
10	44.1020	43.4330	43.4100	..	42.9490	43.2690	..	42.6290	..	43.5520	43.0100	..
11	44.2040	43.6690	43.4270	43.0250	42.9780	..	42.7600	42.4730	..	43.4210	43.3090	..
12	44.2560	..	..	43.0610	42.8610	..	42.8840	42.5010	42.4980	43.2780	..	43.4880
13	44.0280	..	..	43.2370	43.0180	43.2710	43.1280	..	42.7320	43.5350	..	43.5610
14	44.0570	43.6940	43.5490	43.2720	..	43.3660	43.0720	..	42.8160	43.2980	43.3020	43.8660
15	..	43.6810	43.6450	43.2870	..	43.3590	42.9040	42.6000	43.2080	..	43.2180	44.1110
16	..	43.6120	43.7190	..	43.1870	43.3810	..	42.4530	43.3110	..	43.3680	44.2380
17	44.1940	43.6010	43.7980	..	43.3660	43.4930	..	42.3370	..	43.4360	43.4650	..
18	44.4230	43.4070	43.9480	43.2060	43.3390	..	42.9120	42.4570	..	43.1940	43.4480	..
19	44.5850	..	..	43.2940	43.1980	..	43.0660	42.4910	43.3250	43.1930	..	43.8850
20	44.3730	..	..	43.3660	43.1420	..	42.9150	..	43.4280	43.1880	..	43.9640
21	44.4640	43.3580	43.7370	..	..	43.6060	42.7540	..	43.6240	43.2640	43.3860	43.9450
22	..	43.3790	43.5800	..	..	43.5550	42.6090	42.6070	43.4720	..	43.3810	43.6790
23	..	43.6070	43.3740	..	43.1330	43.3830	..	42.5560	43.7230	..	43.2740	43.6840
24	44.4590	43.6180	43.4590	..	43.3490	43.4860	..	42.3680	..	43.4310	43.3610	..
25	44.4120	43.7650	43.4230	43.2280	43.4240	..	42.4280	42.3840	..	43.2850	43.6290	..
26	44.4730	..	..	43.1990	43.5060	..	42.4200	42.5270	43.8430	43.1670	..	43.4910
27	44.4200	..	..	43.2880	43.4360	43.4220	42.3190	..	43.7820	43.2170	..	43.5280
28	44.1570	43.8370	43.3320	43.2010	..	43.5820	42.1180	..	43.7820	43.0280	43.8150	43.7260
29	..	...	43.3880	43.0180	..	43.5600	42.2270	..	43.5140	..	43.8100	43.9280
30	..	...	43.5290	..	43.3420	43.4940	..	..	43.6360	..	..	..
31	44.0880	...	43.4320	...	43.2910	...	..	42.5070	...	..	...	..
2010												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	46.6510	46.1630	..	..	46.2710	46.4240	..	45.3140	43.9210	..	44.146
2	..	46.6100	46.1040	..	..	46.4660	46.5800	45.5570	45.1400	..	43.063	43.827
3	..	46.4810	46.0970	..	..	46.6370	..	45.3580	44.9790	..	42.840	43.832
4	46.4250	46.2190	46.0280	..	44.5090	46.3960	..	45.1930	..	43.8870	42.5820	..
5	46.0820	46.1550	46.0230	45.2910	44.5370	..	46.4130	45.1640	..	43.7250	42.5160	..
6	45.8190	..	..	45.0430	44.9770	..	46.4890	45.1710	44.7700	43.7820	..	43.9100
7	45.9930	..	..	44.9120	45.3100	46.4200	46.4950	..	44.4380	43.5420	..	43.8450
8	45.8670	46.4900	46.0900	44.7990	..	46.7920	46.4780	..	44.4200	43.4290	42.6470	43.7090
9	..	46.5360	45.8950	..	..	46.6810	46.3600	44.9000	44.3980	..	43.0290	43.6450
10	..	46.5840	45.8200	..	..	46.5840	..	44.8910	..	..	43.2700	43.6800
11	45.8570	46.3380	45.6690	..	45.7170	46.6870	..	45.0100	..	43.3970	43.3330	..
12	45.5370	46.2960	45.6720	44.9090	45.0490	..	46.2280	45.0970	..	43.4420	43.6560	..
13	45.6740	..	..	44.7460	45.0910	..	46.2280	45.4480	44.1230	43.6370	..	43.7210
14	45.7760	..	..	44.7290	44.8210	..	46.2810	..	43.9560	43.4300	..	43.7220
15	45.7450	46.2700	45.6760	44.5240	..	46.4890	46.2710	..	44.2040	43.2050	43.9200	43.8370
16	..	46.3260	45.7270	44.3470	..	46.4630	46.3490	45.2460	44.2930	..	..	43.9380
17	..	46.1690	45.7540	..	44.8210	46.1560	..	45.4820	44.3390	..	43.8320	44.0990
18	45.8310	45.9700	45.5950	..	45.1320	46.1970	..	45.2040	..	43.2040	43.8320	..
19	45.9270	46.1380	45.6480	44.4330	45.2400	..	46.2940	45.1790	..	43.2510	43.7260	..
20	45.8360	..	..	44.5800	45.5520	..	46.4510	44.9050	44.2540	43.3670	..	44.2450
21	45.9560	..	..	44.5680	45.9580	45.9400	46.3990	..	44.1530	43.5160	..	44.3840
22	46.0250	46.3180	45.5910	44.4020	..	45.5560	46.4740	..	44.0250	43.2870	43.6980	44.3840
23	..	46.1450	45.6580	44.3740	..	45.5500	46.5840	44.9800	43.8990	..	43.8540	44.2420
24	..	46.1250	45.5730	..	46.4410	45.8910	..	45.0220	43.9840	..	44.0730	..
25	46.2380	46.1530	45.5820	..	46.6050	46.1320	..	45.3680	..	..	44.1260	..
26	46.2010	46.2580	45.6320	44.4180	46.9830	..	46.3830	45.3260	..	43.3110	44.0930	..
27	46.3920	..	..	44.1820	46.9050	..	46.2140					

29	49.0720	..	48.2180	..	45.9220	46.3290	..	46.6980	..	..	42.7980	..
30	49.1560	..	48.2620	47.5100	45.9640	..	45.7630	46.9040	..	44.0450	..	..
31	49.0270	..	..	..	46.2690	..	45.6110	46.6950	..	43.9470	..	..
2006												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	52.1670	51.7250	..	..	52.8200	..	51.4420	50.8100	..	..	..
2	53.0620	52.0810	51.4300	..	51.7770	52.9120	..	51.5750	..	50.2490	49.870	..
3	52.9030	52.0970	51.2600	51.1580	51.6320	..	53.2200	51.5810	..	50.0040	49.729	..
4	52.6520	..	..	51.0890	51.3960	..	53.0550	51.6380	50.7550	49.9080	..	49.6950
5	52.4300	..	..	51.0020	51.4600	52.8460	52.7760	..	50.5270	49.9850	..	49.6260
6	52.4690	51.9490	51.1920	50.9970	..	52.6940	52.7420	..	50.4630	50.0400	49.7190	49.6120
7	..	51.6980	51.1020	51.1190	..	52.8400	52.8210	51.5730	50.4260	..	49.8010	49.5200
8	..	51.6730	50.9630	..	51.5170	52.9160	..	51.3830	50.3650	..	49.8380	49.4880
9	52.6460	51.7590	51.3130	..	51.3920	53.0340	..	51.3930	..	50.0050	49.8990	..
10	52.4210	51.8560	51.4840	51.1010	51.3890	..	52.5070	51.4330	..	50.1070	49.9360	..
11	52.5490	..	..	51.1320	51.5260	..	52.1350	51.2650	50.5080	50.0950	..	49.6040
12	52.6500	..	..	51.2200	51.6040	..	52.2000	..	50.5520	50.0530	..	49.6590
13	52.4530	51.4990	51.4080	..	..	53.1980	52.1960	..	50.5240	50.0040	49.9440	49.5090
14	..	51.5550	51.2590	..	..	53.3090	52.2400	51.3040	50.4220	..	49.7840	49.4680
15	..	51.5680	51.1930	..	51.7120	53.3190	..	51.2990	50.3050	..	49.8230	49.4280
16	52.4400	51.5500	51.0470	..	52.0680	53.1040	..	51.4420	..	50.0030	50.0180	..
17	52.4530	51.6390	51.0920	51.2570	52.3640	..	52.4560	51.3360	..	50.0050	50.1190	..
18	52.6150	..	..	51.2810	52.1200	..	52.6080	51.1330	50.2690	49.9550	..	49.4060
19	52.7720	..	..	51.4680	52.5720	53.0550	52.6620	..	50.2350	49.9350	..	49.3390
20	52.8230	51.7770	51.0660	51.4230	..	53.3000	52.6730	..	50.1170	50.0130	50.0290	49.5660
21	..	51.9080	51.0420	51.3820	..	53.3130	52.3830	..	50.2420	..	49.8590	49.4220
22	..	51.9590	51.0940	..	52.6290	53.2060	..	51.1600	50.1060	..	49.8830	49.3920
23	52.8670	51.7340	51.1630	..	52.8240	53.2320	..	51.2290	..	50.0810	49.7770	..
24	52.8670	51.7700	51.1540	51.6580	52.7220	..	..	51.3700	..	..	49.6890	..
25	52.7470	..	..	51.6660	52.8830	..	52.2010	51.5680	50.2650	50.1360	..	..
26	52.5560	..	..	51.8070	52.9200	53.2830	51.9710	..	50.3450	50.0120	..	..
27	52.4310	52.0090	51.2110	51.8890	..	53.3850	51.8860	..	50.3870	49.8880	49.7550	49.3280
28	..	52.0880	51.1700	51.8260	..	53.4230	51.5960	51.4550	..	..	49.6610	49.2120
29	..	..	51.1450	..	52.8220	53.5140	..	51.3100	..	..	49.8160	49.1320
30	52.4350	..	51.2380	..	52.8170	53.5870	..	51.1330	..	49.7970	49.7630	..
31	52.3360	..	51.2840	..	52.6540	..	51.6240	50.9370	..	49.8050	..	..
2005												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	55.0970	54.6850	54.7470	..	54.4890	56.1770	56.1620	56.2610	..	..	54.036
2	..	54.9370	54.7110	..	..	54.5370	..	56.1670	56.2070	..	55.049	54.198
3	56.3410	54.9760	54.7780	..	54.3320	54.6160	..	56.0820	..	55.9770	54.801	..
4	56.1990	54.9140	54.8720	54.9020	54.1820	..	55.9380	56.1060	..	56.0250	..	..
5	56.1400	..	..	54.8160	54.1010	..	56.0800	55.9250	56.1160	55.9500	..	54.2220
6	56.2200	..	..	54.8090	53.9760	54.4960	56.1750	..	56.1220	55.9040	..	54.0710
7	56.2260	54.7720	54.9640	54.6400	..	54.5050	56.1290	..	56.2010	55.8150	54.6600	53.9730
8	..	54.5560	54.7790	54.7210	..	54.5640	56.2840	55.9290	56.1560	..	54.7800	53.9250
9	..	54.8250	54.6730	..	53.9880	54.6160	..	55.9880	56.0770	..	54.6130	53.7690
10	56.2220	55.1760	54.4700	..	54.1410	54.8590	..	55.8900	..	55.8580	54.6400	..
11	56.1590	54.7680	54.2210	54.6070	54.2080	..	56.3210	55.8350	..	55.7440	54.7100	..
12	56.0620	..	..	54.4660	54.1430	..	56.2200	55.7380	56.0950	55.7700	..	53.4990
13	55.9900	..	..	54.1980	54.2180	..	56.1240	..	55.9990	55.8540	..	53.5860
14	55.7010	54.8050	54.1730	54.0530	..	55.0640	56.1240	..	55.9810	55.8760	54.5200	53.6690
15	..	54.5820	53.9320	54.2520	..	55.3520	55.9970	55.6590	55.8910	..	54.5780	53.5450
16	..	54.6840	54.1520	..	54.2630	55.3350	..	55.7920	56.0140	..	54.6770	53.2340
17	55.6660	54.8430	53.9840	..	54.4190	55.2950	..	55.7900	..	55.8440	54.6300	..
18	55.5330	54.9770	53.9120	54.6200	54.3940	..	55.8600	55.8470	..	55.7960	54.4310	..
19	55.6360	..	..	54.6980	54.4660	..	55.6790	55.9180	56.1290	55.7730	..	53.3340
20	55.5520	..	..	54.5260	54.6350	55.4390	55.6840	..	56.2580	55.7590	..	53.3310
21	55.4830	54.6890	54.2220	54.3110	..	55.6360	55.9040	..	56.2900	55.7490	54.4770	53.4940
22	..	54.7470	54.2660	54.3690	..	55.7930	55.7430	56.0070	56.2740	..	54.6860	53.5200
23	..	54.7590	54.1620	..	54.6410	55.6300	..	55.8950	56.2810	..	54.5630	53.2890
24	55.5460	54.6200	..	..	54.7060	55.7500	..	55.9040	..	55.5810	54.3380	..
25	55.4050	..	..	54.3900	54.6460	..	..	56.0270	..	55.4330	54.2390	..
26	55.3410	..	..	54.1060	54.4480	..	55.5530	56.0770	56.2680	55.3270	..	..
27	55.3680	..	..	54.2490	54.4550	55.7310	55.8800	..	56.2730	55.0590	..	53.2640
28	55.1880	54.7170	54.1890	54.4930	..	55.5550	56.1470	..	56.3050	55.0600	..	53.2090
29	..	..	54.3930	54.3540	..	55.5790	56.1050	..	56.1830	..	54.2600	53.0670
30	..	..	54.6340	..	54.4340	55.9190	..	56.0520	56.0550	..	53.9990	..
31	55.1120	..	54.7930	..	54.3670	..	..	56.1600	..	..	..	..
2004												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	56.3320	56.2160	..	55.8070	56.1760	..	56.1470	56.2760	..	56.161
2	..	55.9640	56.2870	56.1710	..	55.6690	56.0320	55.9960	56.1970	..	56.340	56.140
3	..	55.9310	56.2620	..	56.0340	55.7020	..	55.8530	56.1790	..	56.317	..
4	..	56.1550	56.2060	..	55.8470	55.7790	..	55.8100	..	56.2710	56.3720	..
5	55.5860	56.1600	56.2100	56.2480	55.6430	..	55.9520	55.8840	..	56.2980	56.3610	..
6	55.3610	56.0040	..	56.3060	55.4900	..	55.8610	55.8400	56.1040	56.2660	..	56.0970
7	55.1420	..	..	..	55.5470	55.9030	55.8950	..	56.0890	56.2980	..	56.0260
8	55.1590	..	56.3210	..	..	55.8030	55.9430	..	56.1190	56.3390	56.3840	56.0560
9	55.2330	55.9130	56.2920	..	..	55.7450	55.9370	55.7060	56.1040	..	56.3190	56.0380
10	..	55.9010	56.1510	..	..	55.6970	..	55.6700	56.0590	..	56.3320	56.1640
11	..	55.8720	56.2020	..	55.7460	55.7450	..	55.6970	..	56.3920	56.3380	..
12	55.2280	55.8720	56.2730	56.3460	55.9610	..	55.8360	55.6820	..	56.3440	56.3310	..
13	55.2410	55.9500	..	56.1840	55.8630	..	55.7070	55.6410	56.1160	56.3510	..	56.3350
14	55.3410	..	..	55.8960	55.9320	55.8170	55.8520	..	56.1690	56.4120	..	56.3120
15	55.4130	..	56.2880	55.7450	..	55.9360	55.8250	..	56.1960	56.4430	..	56.2970
16	55.5150	56.0660	56.2910	55.8800	..	56.0370	55.9460	55.7260	56.1060	..	56.3320	56.3130
17	..	56.0850	56.2680	..	55.9730	56.0930	..	55.6620	56.1680	..	56.3320	56.2590
18	..	56.1270	56.2370	..	55.8840	56.3550	..	55.7220	..	56.4120	56.3490	..
19	55.5120	56.0640	56.2580	55.7650	55.9130	..	56.0240	55.7220	..	56.4070	56.2940	..
20	55.6350	56.1800	..	55.7100	55.7780	..	55.9180	55.8090	56.1790	56.3760	..	56.2570
21	55.6980	..	..	55.6310	55.8310	56.3930	55.9110	..	56.2270	56.3220	..	56.1840
22	55.5670	..	56.3200	55.7040	..	56.2520	55.9220	..	56.2950	56.2950	56.3230	56.1280
23	55.6190	56.3230	56.4290	55.8350	..	56.2240	56.0190	55.7590	56.3220	..	56.2750	56.1440
24	..	56.2420	56.4120	..	55.8810	56.2610	..	55.7820	56.3670	..	56.2690	..
25	..	..	56.3670	..	55.9150	56.0670	..	..	..	56.3220	56.3140	..
26	55.7290	56.2380	56.3970	55.7470	55.9580	..	56.0410	56.0320	..	56.2790	56.3060	..
27	55.8030	56.2750	..	55.6600	55.9580	..	56.0470	56				

29	26.4870	..	..	25.8930	26.2500	25.5840	25.1500	..	25.1010	24.6320	..	25.0960
30	26.5270	...	25.5600	25.8040	..	..	25.1430	..	25.1200	24.6360	..	..
31	26.5270	...	25.3830	...	..	...	24.9100	23.2940	...	..	...	..
1991												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	28.0000	28.0000	28.0000	..	..	27.7500	27.6200	..	26.9180	..	..
2	28.0000	..	..	28.0000	27.8390	..	27.7300	27.5830	27.0000	27.0000	..	26.579
3	28.0000	..	..	28.0000	27.8360	27.8050	27.7300	..	27.0000	27.0000	..	26.690
4	28.0000	28.0000	28.0000	28.0000	..	27.8040	27.6630	..	26.9950	27.0000	26.9190	26.6900
5	..	28.0000	28.0000	28.0000	..	27.8030	27.6630	27.5800	27.0000	..	26.9190	26.6920
6	..	28.0000	28.0000	..	27.8330	27.8020	..	27.5250	27.0000	..	26.9190	26.7000
7	28.0000	28.0000	28.0000	..	27.8290	27.8010	..	27.4850	..	26.9990	26.9190	..
8	28.0000	28.0000	28.0000	27.9800	27.8260	..	27.5860	27.4000	..	27.0000	26.7000	..
9	28.0000	..	..	..	27.8240	..	27.5860	27.4000	27.0000	26.9820	..	26.7000
10	28.0000	..	..	27.9700	27.8220	27.8010	27.5860	..	27.0000	26.9940	..	26.7000
11	28.0000	28.0000	28.0000	27.9600	..	27.8000	27.5860	..	27.0000	26.9980	26.7000	26.6570
12	..	28.0000	28.0000	27.9600	..	..	27.5860	27.4000	27.0000	..	26.7000	26.6500
13	..	28.0000	28.0000	..	27.8220	27.7990	..	27.4000	26.9670	..	26.6960	26.6500
14	28.0000	28.0000	28.0000	..	27.8220	27.7980	..	27.0000	..	26.9850	26.6920	..
15	28.0000	28.0000	28.0000	27.9600	27.8200	..	27.5860	26.9830	..	27.0000	26.7000	..
16	28.0000	..	..	27.9500	27.8180	..	27.5860	27.0000	26.9600	27.0000	..	26.6490
17	28.0000	..	..	27.9250	27.8160	27.7980	27.5860	..	27.0000	27.0000	..	26.6560
18	28.0000	28.0000	28.0000	27.8950	..	27.7970	27.5860	..	27.0000	27.0000	26.6190	26.7000
19	..	28.0000	28.0000	27.8790	..	27.7960	27.5860	27.0000	27.0000	..	26.7000	26.6900
20	..	28.0000	28.0000	..	27.8150	27.7950	..	27.0000	26.9600	..	26.6870	26.6480
21	28.0000	28.0000	28.0000	..	27.8140	27.7950	..	27.0020	..	27.0000	26.7000	..
22	28.0000	28.0000	28.0000	27.8650	27.8130	..	..	27.0080	..	27.0000	26.7000	..
23	28.0000	..	..	27.8600	27.8110	..	27.5860	27.0070	27.0000	27.0000	..	26.7000
24	28.0000	..	..	27.8570	27.8100	..	27.5860	..	26.8840	27.0000	..	26.6460
25	28.0000	28.0000	28.0000	27.8520	..	27.7950	27.5860	..	26.9950	27.0000	26.6750	..
26	..	28.0000	28.0000	27.8490	..	27.7900	27.5860	27.0000	27.0000	..	26.7000	26.6500
27	..	28.0000	28.0000	..	27.8090	27.7900	..	27.0000	26.8910	..	26.6920	26.6500
28	28.0000	28.0000	..	..	27.8090	27.7500	..	26.9960	..	27.0000	26.6950	..
29	28.0000	...	..	27.8450	27.8080	..	27.5860	27.0000	..	27.0000	26.7000	..
30	28.0000	...	..	27.8420	27.8070	..	27.5860	27.0000	27.0000	27.0000	..	..
31	28.0000	...	..	...	27.8060	...	27.7500	..	...	27.0000	...	..
1990												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	22.5680	22.7620	..	..	22.9770	..	23.8600	..	25.7500	..	..
2	22.4280	22.5700	22.7000	22.7470	22.8300	..	23.3500	23.8600	..	25.7500	28.000	..
3	22.4200	..	..	22.7450	22.8450	..	23.3500	24.2700	25.0000	25.7500	..	28.000
4	22.4100	..	..	22.7430	22.8460	23.0240	23.3500	..	25.0000	25.7500	..	28.0000
5	22.4100	22.5700	22.7000	22.7400	..	23.0240	23.4400	..	25.0000	25.7500	28.0000	28.0000
6	..	22.5700	22.7000	22.7360	..	23.0240	23.4400	24.0500	25.0000	..	28.0000	28.0000
7	..	22.6000	22.8500	..	22.8460	23.0700	..	24.0500	25.0000	..	28.0000	28.0000
8	22.4500	22.6000	22.7430	..	22.8560	23.0700	..	24.0500	..	25.7500	28.0000	..
9	22.4500	22.6000	22.7210	..	22.8600	..	23.4400	24.0500	..	25.7500	28.0000	..
10	22.5000	..	..	22.7400	22.8600	..	23.4400	24.1000	25.0000	25.7500	..	28.0000
11	22.4850	..	..	22.7400	22.8600	23.0700	23.5400	..	25.0000	25.7500	..	28.0000
12	22.4500	22.6000	22.7200	..	..	..	23.5000	..	25.0000	25.7500	28.0000	28.0000
13	..	22.6000	22.7200	..	..	23.0700	23.5000	24.2000	25.0000	..	28.0000	28.0000
14	..	22.6000	22.7800	..	22.8730	23.0880	..	24.2000	25.0000	..	28.0000	28.0000
15	22.4500	22.6000	22.7950	..	22.8730	23.0880	..	24.2000	..	25.7500	28.0000	..
16	22.4500	22.6000	22.7750	22.7400	22.8830	..	23.6700	24.3000	..	25.7500	28.0000	..
17	22.4500	..	..	22.7400	22.9200	..	23.6700	24.4000	25.0000	25.7500	..	28.0000
18	22.4600	..	..	22.7400	22.9100	23.0880	23.5760	..	26.0000	25.7500	..	28.0000
19	22.4600	22.6000	22.8000	22.7600	..	23.0880	23.5760	..	25.7500	25.7500	28.0000	28.0000
20	..	22.6500	22.7900	22.7600	..	23.0880	23.5760	24.5000	25.7500	..	28.0000	28.0000
21	..	22.7000	22.7890	..	22.9100	23.1330	..	24.6000	25.7500	..	28.0000	28.0000
22	22.4600	22.6500	22.7840	..	22.9100	23.1330	..	24.6000	..	25.7500	28.0000	..
23	22.4800	22.6300	22.7750	22.7600	22.9400	..	23.5760	25.0000	..	25.7500	28.0000	..
24	22.4800	..	..	22.7600	22.9440	..	23.5760	25.0000	25.7880	25.7500	..	..
25	22.4800	..	..	22.8300	22.9660	23.1330	23.7000	..	25.7500	25.7500	..	..
26	22.5000	22.6300	22.7720	22.8050	..	23.1330	23.7000	..	25.7500	25.7500	28.0000	28.0000
27	..	22.7900	22.7650	22.8050	..	23.2100	23.7000	25.0000	25.7500	..	28.0000	28.0000
28	..	22.7610	22.7600	..	22.9770	23.2700	..	25.0000	25.7500	..	28.0000	28.0000
29	22.5000	...	22.7550	..	22.9770	23.2700	..	25.0000	..	25.7500	28.0000	..
30	22.5000	...	22.7500	22.8050	22.9770	..	23.8600	25.0000	..	25.7500	..	..
31	22.5430	...	..	...	22.9770	...	23.8600	25.0000	...	25.7500	...	..
1989												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	21.3500	21.3500	..	..	21.6080	..	21.8800	21.8800	..	..	..
2	21.3350	21.3500	21.3500	..	21.5640	21.6080	..	21.8800	..	21.9430	22.100	..
3	21.3350	21.3500	21.3480	21.3300	21.5640	..	21.8500	21.8800	..	21.9410	22.057	..
4	21.3340	..	..	21.3290	21.6290	..	21.8670	21.8800	21.9700	21.9300	..	22.2340
5	21.3350	..	..	21.3280	21.5920	21.6080	21.8930	..	21.9700	21.8870	..	22.2340
6	21.3350	21.3500	21.3470	21.3280	..	21.6080	21.8750	..	21.9700	21.8780	22.0500	22.2340
7	..	21.3500	21.3440	21.3280	..	21.6300	21.8700	21.8800	21.9900	..	22.0160	22.2500
8	..	21.3500	21.3390	..	21.5700	21.6390	..	21.8800	22.0020	..	22.0160	22.2800
9	21.3430	21.3500	21.3390	..	21.5700	21.6390	..	21.8800	..	21.8700	22.0210	..
10	21.3400	21.3500	21.3380	21.3280	21.5700	..	21.8700	21.8800	..	21.8800	22.0500	..
11	21.3400	..	..	21.3320	21.5700	..	21.8780	21.8800	22.0110	..	..	22.2800
12	21.3430	..	..	21.3320	21.5700	..	21.8910	..	22.0220	21.8730	..	22.3200
13	21.3430	21.3700	21.3380	21.3320	..	21.6390	21.8820	..	21.9940	21.8920	22.0600	22.3200
14	..	21.3900	21.3380	21.3320	..	21.7000	21.8940	21.8800	21.9850	..	22.0600	22.3200
15	..	21.3760	21.3370	..	21.5700	21.6800	..	21.8800	21.9820	..	22.0600	22.3200
16	21.3430	21.3670	21.3370	..	21.5700	21.7000	..	21.8800	..	21.8920	22.1000	..
17	21.3430	21.3640	21.3370	21.3770	21.5700	..	21.8940	21.8800	..	21.8920	22.1000	..
18	21.3430	..	..	21.4000	21.5700	..	21.8600	21.8800	21.9800	21.9600	..	22.3200
19	21.3450	..	..	21.4500	21.5800	21.6950	21.9700	..	21.9730	22.0040	..	22.3200
20	21.3450	21.3590	21.3360	21.4500	..	21.6930	21.8700	..	21.9620	22.0350	22.1360	22.3200
21	..	21.3590	21.3350	21.5200	..	21.6930	21.8700	21.8800	21.9590	..	22.1360	22.4010
22	..	21.3570	21.3350	..	21.5800	21.6900	..	21.8800	21.9540	..	..	22.4010
23	21.3450	21.3550	..	..	21.5800	21.6900	..	21.8800	..	21.9900	22.1500	..
24	21.3450	21.3520	..	21.5200	21.5800	..	21.8700	21.8800	..	21.9900	22.1550	..
25	21.3450	..	..	21.5640	21.5800	..	21.8700	21.8800	21.9520	21.9900	..	..
26	21.3450	..	..	21.5640	21.5800	21.7130	21.9480	..	21.9520	21.9900	..	22.4450
27	21.3450	21.3500	21.3350	21.5640	..	21.7270						

29	..	..	21.3320	..	21.5800	21.7700	..	21.8800	21.9450	..	22.2340	22.4400
30	21.3500	..	21.3300	..	21.6050	21.8070	..	21.8800	..	22.1000	..	..
31	21.3500	..	21.3300	..	21.6080	..	21.8800	21.8800	..	22.1000	..	..
1988												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	20.8690	21.0100	..	..	20.8950	21.0170	21.0500	21.1140	..	..	21.380
2	..	20.8690	21.0100	..	21.0100	20.8950	..	21.0510	21.1480	..	21.393	21.380
3	..	20.8670	21.0250	..	21.0100	20.8960	..	21.0460	..	21.3380	21.390	..
4	20.7960	20.8610	21.0250	21.0160	21.0100	..	20.9970	21.0460	..	21.3350	21.3780	..
5	20.7960	20.8460	..	21.0120	20.9950	..	20.9970	21.0460	21.1480	21.3210	..	21.3800
6	20.7990	..	..	21.0120	20.9790	20.8960	20.9960	..	21.1480	21.3090	..	21.3790
7	20.7990	..	21.0250	21.0080	..	20.8960	21.0100	..	21.1930	21.3250	21.3750	21.3740
8	20.8070	20.8460	21.0250	21.0030	..	20.9060	21.0240	21.0460	21.2300	..	21.3750	21.3710
9	..	20.8460	21.0400	..	20.9790	20.9100	..	21.0460	21.2300	..	21.3750	21.3680
10	..	20.8440	21.0400	..	20.9730	20.9100	..	21.0420	..	21.3400	21.3750	..
11	20.8180	20.8440	21.0400	21.0000	20.9700	..	20.9910	21.0420	..	21.3400	21.3750	..
12	20.8300	20.8440	..	21.0000	20.9600	..	21.0110	21.0420	21.2300	21.3570	..	21.3660
13	20.8490	..	..	21.0120	20.9600	20.9100	21.0260	..	21.2300	21.3590	..	21.3650
14	20.8610	..	21.0500	21.0150	..	20.9310	21.0260	..	21.3300	21.3800	21.3750	21.3590
15	20.8520	20.8440	21.0500	21.0150	..	20.9430	21.0350	21.0530	21.2930	..	21.3750	21.3530
16	..	20.8440	21.0500	..	20.9470	20.9530	..	21.0550	21.2450	..	21.3750	21.3500
17	..	20.8440	21.0500	..	20.9700	20.9530	..	21.0600	..	21.3500	21.3750	..
18	..	20.9110	21.0260	21.0150	20.9400	..	21.0400	21.0600	..	21.3600	21.3750	..
19	20.8800	21.0100	..	21.0150	20.9350	..	21.0380	21.0600	21.2570	21.3910	..	21.3460
20	20.8790	..	..	21.0580	20.9350	20.9530	21.0380	..	21.3000	21.3950	..	21.3430
21	20.8740	..	21.0240	21.0730	..	20.9720	21.0380	..	21.2500	21.4150	21.3750	21.3400
22	20.8770	21.0100	21.0210	21.0730	..	20.9830	21.0280	21.0700	21.2550	..	21.3750	21.3380
23	..	21.0400	21.0190	..	20.9320	20.9940	..	21.0700	21.3050	..	21.3750	21.3380
24	..	21.0000	21.0160	..	20.9320	20.9820	..	21.0790	..	21.3900	21.3750	..
25	20.8750	..	21.0160	21.0730	20.9270	..	21.0340	21.0790	..	..	21.3750	..
26	20.8740	21.0100	..	21.0730	20.9220	..	21.0340	21.0790	21.3050	21.3840	..	21.3380
27	20.8720	..	..	21.0730	20.9150	21.0000	21.0500	..	21.3050	21.3900	..	21.3380
28	20.8690	..	21.0160	21.0270	..	21.0100	21.0500	..	21.3250	21.3920	21.3760	21.3350
29	20.8700	21.0100	21.0160	21.0180	..	21.0220	21.0380	21.0790	21.2900	..	21.3790	21.3350
30	..	..	21.0160	..	20.9050	21.0620	..	21.0790	21.3360	..	..	..
31	..	..	..	..	20.9050	..	..	21.0790	..	..	..	..
1987												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	20.5300	..	..	20.5280	..	20.4660	20.4560	..	20.4530	20.6110	..	20.894
2	20.5230	..	20.5210	20.5200	..	20.4660	20.4560	..	20.4990	20.6100	20.725	20.869
3	..	20.8814	20.5280	20.5100	..	20.4660	20.4560	20.4400	20.5400	..	20.725	20.845
4	..	20.4980	20.5340	..	20.4800	20.4620	..	20.4400	20.5790	..	20.7690	20.8400
5	20.5000	20.4980	20.5470	..	20.4800	20.4600	..	20.4400	..	20.6100	20.7690	..
6	20.4990	20.5200	20.5540	20.5000	20.4800	..	20.4560	20.4400	..	20.6100	20.7650	..
7	20.4940	..	..	20.5000	..	..	20.4560	20.4400	20.6000	20.6100	..	20.8400
8	20.4900	..	..	20.5000	20.4800	20.4560	20.4560	..	20.6000	20.6970	..	20.8210
9	20.4810	20.5580	20.5770	20.5190	..	20.4540	20.4560	..	20.6000	20.8500	20.7550	20.8000
10	..	20.5400	20.5860	20.5190	..	20.4535	20.4560	20.4400	20.6000	..	20.8110	20.8000
11	..	20.5300	20.5780	..	..	20.4530	..	20.4360	20.7270	..	20.8110	20.8000
12	20.4800	20.5400	20.5780	..	..	..	..	20.4360	..	20.7300	20.8110	..
13	20.4780	20.5350	20.5780	20.5190	20.4800	..	20.4540	20.4360	..	20.7300	20.8110	..
14	20.4600	..	..	20.5100	20.4780	..	20.4530	20.4360	20.7230	20.7300	..	20.8000
15	20.4550	..	..	20.5100	20.4780	20.4530	20.4530	..	20.6360	20.7300	..	20.8000
16	20.4400	20.5250	20.5780	..	..	20.4530	20.4510	..	20.6310	20.7300	20.8030	20.8000
17	..	20.5230	20.5770	..	..	20.4530	20.4480	20.4360	20.6230	..	20.8030	20.8000
18	..	20.5250	20.5690	..	20.4770	20.4530	..	20.4360	20.6000	..	20.8330	20.7960
19	20.4380	20.5250	20.5590	..	20.4750	20.4530	..	20.4350	..	20.7300	20.8970	..
20	20.4380	20.5260	20.5560	20.5070	20.4700	..	20.4480	20.4350	..	20.7300	20.8330	..
21	20.4340	..	..	20.5070	20.4690	..	20.4480	20.4350	20.6000	20.7300	..	20.7960
22	20.4280	..	..	20.5050	20.4680	20.4530	20.4470	..	20.6000	20.7300	..	20.8000
23	20.4280	20.5270	20.5410	20.4990	..	20.4530	20.4440	..	20.6010	20.7300	20.8330	20.8000
24	..	20.5100	20.5410	20.4950	..	20.4530	20.4440	20.4350	20.6000	..	20.9380	20.7970
25	..	..	20.5510	..	20.4660	20.4560	..	20.4350	20.6000	..	20.8960	..
26	20.4300	20.5130	20.5550	..	20.4660	20.4560	..	20.4360	..	20.7300	..	..
27	20.4380	20.5100	20.5550	20.4900	20.4660	..	20.4430	20.4400	..	20.7300	20.8770	..
28	20.4500	..	..	20.4900	20.4660	..	20.4430	20.4530	20.6000	20.7290	..	20.7970
29	20.4600	..	..	20.4840	20.4660	20.4560	20.4430	..	20.6000	20.7250	..	20.8000
30	20.4775	..	20.5550	20.4840	..	20.4560	20.4430	..	20.6000	20.7250	..	20.8000
31	..	..	20.5500	..	..	..	20.4400	20.4530	..	..	..	..
1986												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	..	20.5190	..	..	20.5600	20.4240	20.4700	20.4400	..	..
2	19.0000	..	..	20.5090	20.5000	20.5020	20.5500	..	..	20.4400	..	20.455
3	19.0000	19.1500	21.8720	20.5080	..	20.5030	20.5360	..	20.4700	20.4380	20.436	20.456
4	..	19.1750	21.6730	20.5070	..	20.5040	..	20.4220	20.5120	..	20.4360	20.4780
5	..	19.3000	21.2680	..	20.5000	20.5040	..	20.4220	20.5330	..	20.4360	20.4960
6	19.0000	..	20.7610	..	..	20.5200	..	20.4200	..	20.4380	20.4360	..
7	19.0110	..	20.6790	20.5070	20.5000	..	20.5090	20.4200	..	20.4380	20.4360	..
8	19.0240	..	..	20.5060	20.5000	..	20.4840	20.4200	20.5370	20.4380	..	20.4510
9	19.0100	..	..	20.5060	20.5000	20.5200	20.4610	..	20.5380	20.4380	..	20.5010
10	19.0080	19.2220	20.5950	20.5060	..	20.5200	..	..	20.5340	20.4380	20.4360	20.5100
11	..	19.2390	20.5500	20.5060	..	20.5200	20.4420	20.4200	20.4310	..	20.4360	20.5175
12	..	19.2730	20.5560	..	20.5000	..	..	20.4200	20.5310	..	20.4360	20.5250
13	19.0150	20.0000	20.6500	..	20.5000	20.6000	..	20.4200	..	20.4380	20.4360	..
14	19.0150	20.0000	20.6410	20.5055	20.5000	..	20.4350	20.4200	..	20.4380	20.4360	..
15	19.0270	..	..	20.5050	20.5000	..	20.4300	20.4200	20.5330	20.4380	..	20.5375
16	19.0310	..	..	20.5050	20.5000	20.6000	20.4300	..	20.5330	20.7370	..	20.5520
17	19.0490	19.9860	20.6625	20.5040	..	20.5550	20.4290	..	20.5330	20.4360	20.4360	20.5750
18	..	19.9860	20.6000	20.5040	..	20.5730	20.4290	20.4200	20.5280	..	20.4360	20.5640
19	..	22.0430	20.6450	..	20.5000	20.5750	..	20.4210	20.5280	..	20.4360	20.5500
20	19.0480	22.0500	20.6480	..	20.5000	20.5860	..	20.4220	..	20.4360	20.4360	..
21	19.0480	22.0470	20.6325	20.5020	20.5000	..	20.4290	..	..	20.4360	20.4360	..
22	19.0560	..	..	20.5000	20.5000	..	20.4280	20.4310	20.5210	20.4360	..	20.5500
23	19.0560	..	..	20.5000	20.5000	20.5935	20.4280	..	20.5210	20.4360	..	20.5480
24	19.0700	..	20.6060	20.5000	..	20.5600	20.4280	..	20.5010	20.4360	20.4360	20.5505
25	..	..	20.6000	20.5000	..	20.5600	20.4270	20.4310	20.4860	..	20.4360	..
26	..	22.0470	20.6000	..	20.5000	20.5800	..	20.4700	20.4580	..	20.4360	..
27	19.0760	22.0470	..	..	20.5000	20.5840	..	20.4700				

29	19.0900	...	..	20.5000	20.5020	..	20.4260	20.4700	20.4480	20.4360	..	20.5300
30	19.0900	...	..	20.5000	20.5020	20.5800	20.4260	..	20.4480	20.4360	..	..
31	19.1030	...	20.6000	...	..	...	20.4255	..	...	..	...	..

1985												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	18.6500	18.5825	18.6850	..	..	..	18.6500	..	18.6530	..	..
2	19.6500	..	..	18.6850	18.6400	..	18.4720	18.6000	18.6040	18.6570	..	18.773
3	19.5900	..	..	18.6850	18.6400	18.6400	18.4770	..	18.6040	18.6600	..	18.790
4	19.5700	18.7000	18.5925	..	..	18.6400	..	..	18.6040	18.6650	18.7590	18.7850
5	..	18.7000	18.5875	..	..	18.6400	14.4790	18.6000	18.6040	..	18.7550	18.7990
6	..	18.7000	18.5875	..	..	18.6300	..	18.6000	18.6050	..	18.7550	18.8090
7	19.5700	18.7000	18.5950	..	18.6400	18.4670	..	18.6000	..	18.6670	18.7290	..
8	19.5700	18.6800	18.5950	18.6850	18.6400	..	18.4820	18.6000	..	18.6700	18.7200	..
9	19.3800	..	..	18.6850	18.6400	..	18.4800	18.6000	18.6050	18.6700	..	18.8200
10	19.3800	..	..	18.6400	18.6400	18.4770	18.4810	..	18.6030	18.6800	..	18.8330
11	19.2500	18.7200	18.6500	18.6400	18.6400	18.4800	18.4860	..	18.6010	18.6920	18.7200	18.8510
12	..	18.7200	18.6850	18.6400	..	..	18.5030	18.6000	18.6000	..	18.7200	18.8650
13	..	18.7200	18.6850	..	..	18.4800	..	18.6000	18.6000	..	18.7210	18.8800
14	19.2500	18.7200	18.6850	..	18.6400	18.4760	..	18.6000	..	18.7000	18.7210	..
15	19.2500	18.7200	18.6850	18.6400	18.6400	..	18.5475	18.6000	..	18.7000	18.7210	..
16	19.2500	..	..	18.6400	18.6400	..	18.5880	18.6000	18.6200	18.7080	..	18.9030
17	19.2400	..	..	18.6400	18.6400	18.4760	18.6575	..	18.6220	18.7175	..	18.9150
18	19.0025	18.7200	18.6850	18.6400	..	18.4700	18.6820	..	18.6200	18.7200	18.7325	18.9600
19	..	18.7200	18.6850	18.6400	..	18.4730	18.6650	18.6040	18.6200	..	18.7325	18.9820
20	..	18.7200	18.6850	..	18.6400	18.4670	..	18.6125	18.6220	..	18.7350	19.0030
21	19.0025	18.7200	18.6850	..	18.6400	18.4640	..	18.6060	..	18.7200	18.7375	..
22	18.6500	18.7200	18.6850	18.6400	18.6400	..	18.6370	18.6050	..	18.7200	18.7380	..
23	18.6500	..	..	18.6400	18.6400	..	18.6500	18.6040	18.6200	18.7275	..	19.0030
24	18.7000	..	..	18.6400	18.6400	18.4800	18.6500	..	18.6200	18.7350	..	19.0270
25	18.7500	18.7200	18.6850	18.6400	..	18.4800	18.6970	..	18.6380	18.7350	18.7380	..
26	..	18.7200	18.6850	18.6400	..	18.4620	18.6925	18.6040	18.6380	..	18.7390	19.0000
27	..	18.7200	18.6850	..	18.6400	18.4590	..	18.6040	18.6400	..	18.7470	19.0320
28	18.7500	18.7200	18.4830	..	18.6400	18.4650	..	18.6050	..	18.7350	18.7580	..
29	18.7500	...	18.6850	18.6400	18.6400	..	18.6600	18.6050	..	18.7460	18.7580	..
30	18.7500	...	..	18.6400	18.6400	..	18.6650	18.6050	18.6400	18.7570	..	..
31	18.7500	...	..	...	18.6400	...	18.6660	..	...	18.7550	...	..

1984												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	14.0020	14.0020	..	..	14.0020	..	18.0020	..	18.0020	..	..
2	..	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	..	18.0020	19.995	..
3	14.0020	14.0020	..	14.0020	14.0020	..	18.0020	18.0020	18.0020	18.1200	..	19.910
4	14.0020	..	..	14.0020	14.0020	..	18.0020	..	18.0020	18.1200	..	19.9050
5	14.0020	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	18.2100	19.9900	19.9050
6	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	18.0020	18.0220	..	19.9900	19.9010
7	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	18.0020	..	19.9850	19.8950
8	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	..	18.2100	19.9800	..
9	14.0020	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	..	18.2100	19.9770	..
10	14.0020	14.0020	..	14.0020	14.0020	..	18.0020	18.0020	18.0020	18.3300	..	19.8860
11	14.0020	..	..	14.0020	14.0020	18.0020	18.0020	..	..	18.3300	..	19.8800
12	14.0020	..	14.0020	14.0020	..	..	18.0020	..	18.0020	18.4500	19.9770	19.8790
13	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	18.0020	18.0020	..	19.9750	19.8600
14	..	14.0020	14.0020	..	..	18.0020	..	18.0020	18.0020	..	19.9650	19.8600
15	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	..	18.4500	19.9600	..
16	14.0020	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	..	19.9500	19.9550	..
17	14.0020	14.0020	..	14.0020	14.0020	..	18.0020	18.0020	18.0020	19.9800	..	19.8550
18	14.0020	..	..	14.0020	14.0020	18.0020	18.0020	..	18.0020	19.9950	..	19.8480
19	14.0020	..	14.0020	..	..	18.0020	18.0020	..	18.0020	20.0000	19.9550	19.8325
20	14.0020	14.0020	14.0020	..	..	18.0020	18.0020	18.0020	18.0020	..	19.9550	19.8220
21	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	18.0020	..	..	19.8100
22	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	..	20.0050	19.9450	..
23	14.0020	14.0020	14.0020	14.0020	14.0020	..	18.0020	18.0020	..	20.0100	19.9400	..
24	14.0020	14.0020	..	14.0020	14.0020	..	18.0020	18.0020	18.0020	20.0150	..	..
25	14.0020	..	..	14.0020	14.0020	18.0020	18.0020	..	18.0020	20.0100	..	..
26	..	..	14.0020	14.0020	..	18.0020	18.0020	..	18.0020	20.0100	19.9270	19.8015
27	..	14.0020	14.0020	14.0020	..	18.0020	18.0020	18.0020	18.0020	..	19.9270	19.7875
28	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	18.0020	..	19.9200	19.7590
29	..	14.0020	14.0020	..	14.0020	18.0020	..	18.0020	..	20.0100	19.9170	..
30	14.0020	...	14.0020	14.0020	14.0020	..	18.0020	18.0020	..	20.0000	..	..
31	14.0020	...	..	...	14.0020	...	18.0020	18.0020	...	19.9900	...	..

1983												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	9.4090	9.5280	..	..	10.0930	11.0020	11.0015	11.0015	..	..	14.002
2	..	9.4220	9.5360	..	9.9320	10.1110	..	11.0015	11.0015	..	14.002	14.002
3	9.1730	9.4150	9.5340	..	9.9450	10.1250	..	11.0010	..	11.0020	14.002	..
4	9.1910	9.4290	9.5470	9.7510	9.9710	..	..	11.0015	..	11.0015	14.0020	..
5	9.2130	..	..	9.7690	9.9850	..	11.0015	11.0015	11.0015	14.0000	..	14.0020
6	9.2210	..	..	9.8120	..	10.1150	11.0010	..	11.0015	14.0000	..	14.0020
7	9.2320	9.4350	9.5590	9.8030	..	10.1420	11.0012	..	11.0015	14.0010	14.0020	14.0020
8	..	9.4350	9.5660	9.8220	..	10.1320	11.0020	11.0020	11.0020	..	14.0020	14.0020
9	..	9.4510	9.5750	..	9.9940	10.1430	..	11.0020	11.0020	..	14.0020	14.0020
10	9.2440	9.4650	9.5810	..	10.0050	10.1690	..	11.0150	..	14.0010	14.0020	..
11	9.2540	9.4610	9.5780	9.8310	10.0210	..	11.0015	11.0015	..	14.0010	14.0020	..
12	9.2630	..	..	9.8350	10.0260	..	11.0020	11.0020	11.0020	14.0020	..	14.0020
13	9.2650	..	..	9.8330	10.0290	10.1710	11.0015	..	11.0015	14.0020	..	14.0020
14	9.2790	9.4720	9.5850	9.8620	..	10.1520	11.0015	..	11.0015	14.0020	14.0020	14.0020
15	..	9.4710	9.5870	9.8670	..	10.1790	11.0015	11.0015	11.0020	..	14.0020	14.0020
16	..	9.4780	9.5860	..	10.0380	10.1690	..	11.0015	11.0020	..	14.0020	14.0020
17	9.2820	9.4750	9.5940	..	10.0440	10.1590	..	11.0015	..	14.0020	14.0020	..
18	9.2930	9.4810	9.6050	9.8820	10.0520	..	11.0010	11.0010	..	14.0020	14.0020	..
19	9.3050	..	..	9.8960	10.0490	..	11.0015	11.0015	11.0020	14.0020	..	14.0020
20	9.3180	..	..	9.9110	10.0550	10.1810	11.0020	..	11.0020	14.0020	..	14.0020
21	9.3290	9.4810	9.6140	9.9190	..	10.2120	11.0020	..	11.0015	14.0020	14.0020	14.0020
22	..	9.4890	9.6330	9.9310	..	10.2020	11.0020	11.0012	11.0015	..	14.0020	14.0020
23	..	9.4970	9.6450	..	10.0530	11.0000	..	11.0020	11.0020	..	14.0020	14.0020
24	9.3340	9.4950	9.6610	..	10.0580	11.0000	..	11.0015	..	14.0020	14.0020	..
25	9.3370	9.5070	9.6750	9.9280	10.0810	..	11.0015	11.0015	..	14.0020	14.0020	..
26	9.3510	..	..	9.9260	10.0720	..	11.0020	11.0015	11.0020	14.0020	14.0020	..
27	9.3620	..	..	9.9410	10.0850	11.0010	11.0015</					

29	..	...	9.7130	9.9290	..	11.0010	11.0020	11.0020	11.0015	..	14.0020	14.0020
30	..	...	9.7410	..	10.0850	11.0015	..	11.0020	11.0020	..	..	..
31	9.3910	...	..	...	10.0830	...	..	11.0020	...	..	...	..
1982												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	8.2750	8.3040	8.3600	..	8.4300	8.4700	..	8.5890	8.7020	..	8.951
2	..	8.2720	8.3070	8.3620	..	8.4300	8.4700	8.5000	8.5860	..	8.832	8.972
3	..	8.2655	8.3170	..	8.4150	8.4390	..	8.5050	8.6020	..	8.839	8.984
4	8.2040	8.2655	8.3250	..	8.4100	8.4390	..	8.4900	..	8.6870	8.8460	..
5	8.2100	8.2700	8.3250	8.3620	8.4000	..	8.4700	8.5030	..	8.7010	8.8510	..
6	8.2100	..	..	8.3650	8.4030	..	8.4750	8.5080	8.6020	8.7140	..	8.9970
7	8.2150	..	..	8.3700	8.4050	8.4410	8.4750	..	8.6090	8.7230	..	9.0070
8	8.2320	8.2750	8.3300	..	..	8.4410	8.4850	..	8.6120	8.7460	8.8540	9.0230
9	..	8.2750	8.3300	..	..	8.4410	8.4825	8.5150	8.6070	..	8.8590	9.0390
10	..	8.2780	8.3250	..	8.4000	8.4410	..	8.5090	8.6200	..	8.8610	9.0490
11	8.2420	8.2800	8.3320	..	8.4000	8.4500	..	8.5110	..	8.7460	8.8610	..
12	8.2500	8.2800	8.3360	8.3680	8.4030	..	8.4850	8.5170	..	8.7510	8.8690	..
13	8.2600	..	..	8.3750	8.4100	..	8.4850	8.5200	8.6290	8.7590	..	9.0540
14	8.2730	..	..	8.3725	8.4200	8.4500	8.4880	..	8.6370	8.7660	..	9.0610
15	8.2800	8.2800	8.3390	8.3750	..	8.4520	8.4900	..	8.6390	8.7720	8.8730	9.0670
16	..	8.2850	8.3490	8.3775	..	8.4550	8.4900	8.5140	8.6400	..	8.8790	9.0720
17	..	8.2870	8.3550	..	..	8.4600	..	8.5250	8.6450	..	8.8860	9.0740
18	8.2850	8.2900	8.3550	..	8.4200	8.4600	..	8.5230	..	8.7760	8.8910	..
19	8.2820	8.2900	8.3550	8.3750	8.4160	..	8.4900	8.5310	..	8.7830	8.8910	..
20	8.2730	..	..	8.3800	8.4250	..	8.4950	8.5350	8.6440	8.7910	..	9.0790
21	8.2690	..	..	8.3780	8.4250	8.4580	8.4950	..	8.6490	8.7950	..	9.0850
22	8.2600	8.2770	8.3520	8.3850	..	8.4560	8.4950	..	8.6580	8.2020	8.8920	9.0890
23	..	8.2860	8.3550	8.3950	..	8.4560	8.4980	8.5430	8.6610	..	8.8930	9.0930
24	..	8.3100	8.3550	..	8.4250	8.4560	..	8.5520	8.6710	..	8.8950	9.0960
25	8.2600	8.3100	8.3550	..	8.4250	8.4600	..	8.5500	..	8.8020	8.8950	..
26	8.2600	8.3100	8.3600	8.3900	8.4300	..	8.4980	8.5590	..	8.8120	8.9090	..
27	8.2700	..	..	8.3950	8.4300	..	8.4980	8.5680	8.6750	8.8160	..	9.1260
28	8.2750	..	..	8.4000	8.4300	8.4650	8.4980	..	8.6820	8.8190	..	9.1580
29	8.2750	..	8.3600	8.4000	..	8.4700	8.5000	..	8.6890	8.8320	8.9280	9.1710
30	..	..	8.3600	8.4000	..	8.4700	8.5000	8.5800	8.6890	..	..	..
31	..	..	8.3510	..	8.4300	..	..	8.5870	..	..	..	..
1981												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	..	7.7650	..	7.8900	7.9485	..	7.9650	8.0350	..	8.112
2	7.6000	7.6525	7.7050	7.7700	..	7.8950	7.9485	..	7.9650	8.0470	..	8.110
3	..	7.6530	7.7100	7.7725	..	7.9015	7.9480	7.9500	7.9655	..	8.100	8.100
4	..	7.6530	7.7150	..	7.8200	7.9100	..	7.9500	7.9700	..	8.0970	8.1000
5	7.6000	7.6515	7.7175	..	7.8215	7.1975	..	7.9500	..	8.0400	8.0970	..
6	7.6035	..	7.7150	..	..	..	7.9480	7.9515	..	8.0500	8.0870	..
7	7.6040	..	..	..	7.8215	..	7.9490	7.9515	7.9700	8.0500	..	8.1000
8	7.6135	..	..	7.7750	7.8270	7.9300	7.9495	..	7.9700	8.0480	..	8.0950
9	7.6200	7.6530	7.7175	7.7800	..	7.9400	7.9495	..	7.9800	8.0540	8.0830	8.1000
10	..	7.6550	7.7200	7.7850	..	7.9500	7.9495	7.9515	7.9890	..	8.0830	8.0950
11	..	7.6550	7.7200	..	7.8320	7.9495	..	7.9520	7.9900	..	8.1100	8.1120
12	7.6250	7.6580	7.7250	..	7.8350	..	..	7.9520	..	8.0600	8.0950	..
13	7.6225	7.6600	7.7275	7.7850	7.8400	..	7.9490	7.9520	..	8.0600	8.0950	..
14	7.6275	..	..	7.7875	7.8425	..	7.9485	7.9515	7.9950	8.0640	..	8.1120
15	7.6340	..	..	7.7875	7.8500	..	7.9490	..	7.9950	8.0670	..	8.1120
16	7.6400	7.6700	7.7275	..	..	..	7.9490	..	7.9950	8.0700	8.1000	8.1210
17	..	7.6725	7.7300	..	..	7.9495	7.9490	7.9510	7.9950	..	8.1150	8.1230
18	..	7.6725	7.7310	..	7.8525	7.9495	..	7.9500	7.9950	..	8.0970	8.1350
19	7.6400	7.6725	7.7330	..	7.8550	7.9490	..	7.9500	..	8.0730	8.0970	..
20	7.6500	7.6800	7.7350	7.7900	7.8600	..	7.9490	7.9500	..	8.0760	8.1060	..
21	7.6500	..	..	7.7925	7.8600	..	7.9490	7.9495	7.9970	8.0780	..	8.1570
22	7.6495	..	..	7.7950	7.8600	7.9495	..	7.9970	8.0780	..	..	8.1730
23	7.6490	7.6800	7.7350	7.7975	..	7.9495	7.9495	..	8.0050	8.0800	8.1120	8.1840
24	..	7.6850	7.7400	7.8000	..	..	7.9495	7.9495	8.0100	..	8.1100	8.1830
25	..	7.6880	7.7425	..	7.8650	7.9500	..	7.9500	8.0200	..	8.1100	..
26	7.6500	7.6950	7.7450	..	7.8650	7.9500	..	7.9515	..	8.0770	8.1100	..
27	7.6510	7.7025	7.7500	7.8000	7.8750	..	7.9495	7.9565	..	8.0700	8.1130	..
28	7.6500	..	..	7.8100	7.8850	..	7.9495	7.9570	8.0150	8.0650	..	8.2000
29	7.6495	..	..	7.8150	7.8900	7.9495	7.9495	..	8.0180	8.0860	..	8.2000
30	7.6500	..	7.7600	7.8200	..	7.9490	7.9500	..	8.0220	8.0830	..	..
31	..	..	7.7650	..	..	..	7.9500	7.9570	..	..	..	..
1980												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	7.4160	..	7.4285	..	..	7.5290	7.5500	7.5600	7.5610	..	7.592
2	7.4150	..	..	7.4285	7.4900	7.5190	7.5300	..	7.5600	7.5625	..	7.592
3	7.4155	..	7.4215	..	..	7.5150	7.5300	..	7.5600	7.5615	7.572	7.592
4	7.4155	7.4160	7.4220	..	..	7.5150	..	7.5500	7.5635	..	7.5725	7.5920
5	..	7.4160	7.4210	..	7.4900	7.5150	..	7.5500	7.5640	..	..	7.5930
6	..	7.4160	7.4200	..	..	7.5170	..	7.5525	..	7.5615	7.5725	..
7	7.4155	7.4165	7.4210	7.4285	7.4900	..	7.5300	7.5550	..	7.5630	7.5720	..
8	7.4160	7.4160	..	7.4280	7.4905	..	7.5300	7.5540	7.5650	7.5645	..	7.5930
9	7.4165	..	..	7.4280	7.5000	7.5170	7.5350	..	7.5650	7.5640	..	7.5935
10	7.4200	..	7.4250	7.4280	..	7.5170	7.5400	..	7.5655	7.5620	7.5720	7.5935
11	7.4200	7.4160	7.4265	7.4315	..	7.5200	7.5430	7.5575	7.5655	..	7.5750	7.5940
12	..	7.4155	7.4275	..	7.5035	..	..	7.5560	7.5650	..	7.5750	7.5930
13	..	7.4160	7.4275	..	7.5035	7.5200	..	7.5565	..	7.5620	7.5795	..
14	7.4185	7.4170	7.4280	7.4320	7.5035	..	7.5425	7.5580	..	7.5645	7.5815	..
15	7.4145	7.4175	..	7.4350	7.5100	..	7.5440	7.5565	7.5610	7.5675	..	7.5930
16	7.4150	..	..	7.4375	7.5145	7.5200	7.5500	..	7.5600	7.5680	..	7.5930
17	7.4160	..	7.4285	7.4375	..	7.5200	7.5500	..	7.5625	7.5685	7.5825	7.5935
18	7.4170	7.4160	7.4285	7.4505	..	7.5230	7.5450	7.5565	7.5635	..	7.5835	..
19	..	7.4175	7.4285	..	7.5145	7.5230	..	7.5585	7.5625	..	7.5840	7.5945
20	..	7.4175	7.4280	..	7.5200	7.5240	..	7.5590	..	7.5700	7.5840	..
21	7.4170	7.4200	7.4275	7.4525	7.5175	..	7.5465	7.5590	..	7.5700	7.5850	..
22	7.4175	7.4200	..	7.4525	7.5215	..	7.5475	7.5585	..	7.5715	..	7.5950
23	7.4175	..	..	7.4550	7.5200	7.5250	7.5485	..	7.5600	7.5730	..	7.6000
24	7.4170	..	7.4275	7.4550	..	..	7.5525	..	7.5615	..	7.5860	7.6000
25	7.4165	7.4200	7.4270	7.4550	..	7.5250	7.5525	7.5575	7.5615	..	7.5870	..
26	..	7.4210	7.4265	..	7.5200	7.5280	..	..	7.5605	..	7.5880	..
27	..	7.4215	7.4260	..	7.5200	7.5260	..	7.5590	..	7.5715	..	..
28	7.4160	7.4215	7.4265	7.4550	7.5200	..	7.5525	7.5590	..	7.5700	..	..

Classification: GENERAL

29	..	7.4215	..	7.4600	7.5200	..	7.5525	7.5600	7.5600	7.5700	..	7.6000
30	..	...	..	7.4900	7.5200	7.5280	7.5500	..	7.5595	7.5715	..	..
31	..	...	7.4285	...	..	...	7.5500	..	...	..	...	..

1979												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	7.3765	7.3765	..	..	7.3770	..	7.3715	..	7.3710	..	..
2	7.3750	7.3765	7.3765	7.3805	7.3785	..	7.3650	7.3720	..	7.3710	..	..
3	7.3750	..	..	7.3805	7.3785	..	7.3705	7.3720	7.3715	7.3710	..	7.400
4	7.3750	..	..	7.3800	7.3785	7.3775	..	..	7.3720	7.3710	..	7.4115
5	7.3750	7.3765	7.3765	7.3800	..	7.3770	7.3655	..	7.3720	7.3710	7.3700	7.4105
6	..	7.3765	7.3765	7.3800	..	7.3770	7.3690	7.3720	7.3720	..	7.3700	7.4100
7	..	7.3765	7.3765	..	7.3780	7.3770	..	7.3720	7.3720	..	7.3700	7.4105
8	7.3750	7.3760	7.3765	..	7.3780	7.3770	..	7.3715	..	7.3710	7.3710	..
9	7.3755	7.3765	7.3765	..	7.3780	..	7.3700	7.3715	..	7.3710	7.3705	..
10	7.3760	..	..	7.3800	7.3780	..	7.3700	7.3715	7.3725	7.3715	..	7.4105
11	7.3765	..	..	7.3800	7.3780	7.3770	7.3700	..	7.3720	7.3720	..	7.4135
12	7.3765	7.3765	7.3770	..	..	..	7.3700	..	7.3720	7.3710	7.3705	7.4125
13	..	7.3770	7.3775	..	..	7.3770	7.3710	7.3720	7.3725	..	7.3705	7.4120
14	..	7.3770	7.3780	..	7.3785	7.3770	..	7.3715	7.3725	..	7.3710	7.4120
15	7.3765	7.3770	7.3780	..	7.3785	7.3770	..	7.3715	..	7.3710	7.3705	..
16	7.3770	7.3770	7.3780	7.3800	7.3785	..	7.3715	7.3715	..	7.3710	7.3705	..
17	7.3765	..	..	7.3800	7.3785	..	7.3715	7.3715	7.3730	7.3700	..	7.4100
18	7.3765	..	..	7.3800	7.3790	7.3775	7.3715	..	7.3730	7.3700	..	7.4115
19	7.3765	7.3770	7.3780	7.3800	..	7.3775	7.3715	..	7.3730	7.3700	7.3700	7.4105
20	..	7.3770	7.3780	7.3795	..	7.3775	7.3720	7.3720	7.3725	..	7.3700	7.4125
21	..	7.3770	7.3780	..	7.3790	7.3775	..	7.3720	..	..	7.3705	7.4125
22	7.3765	7.3770	7.3780	..	7.3790	7.3770	..	7.3715	..	7.3700	7.3705	..
23	7.3770	7.3770	7.3780	7.3790	7.3790	..	7.3720	7.3715	..	7.3700	7.3705	..
24	7.3765	..	..	7.3785	7.3785	..	7.3725	7.3720	7.3725	7.3710	..	7.4120
25	7.3765	..	..	7.3785	7.3785	7.3760	7.3720	..	7.3720	7.3710	..	7.4120
26	7.3765	7.3770	7.3780	7.3790	..	7.3750	7.3720	..	7.3715	7.3710	7.3705	7.4120
27	..	7.3765	7.3785	7.3790	..	7.3650	7.3715	7.3715	7.3715	..	7.3720	7.4105
28	..	7.3765	7.3790	..	7.3780	7.3550	..	7.3715	7.3710	..	7.3750	7.4150
29	7.3770	...	7.3795	..	7.3780	7.3500	..	7.3715	..	7.3715	7.3900	..
30	7.3770	...	7.3800	7.3790	7.3775	..	7.3720	7.3720	..	7.3715	..	..
31	7.3770	...	..	...	7.3770	...	7.3720	7.3715	...	7.3710	...	..

1978												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	..	..	7.3725	..	..	7.3645	..	7.3620	..	..	..	7.3690
2	..	7.3715	7.3730	..	7.3650	7.3645	..	7.3620	..	7.3570	7.3615	..
3	7.3700	7.3715	7.3730	7.3675	7.3650	..	..	7.3610	..	7.3585	7.3620	..
4	7.3700	..	..	7.3675	7.3650	..	..	7.3615	7.3620	7.3580	..	7.3690
5	7.3700	..	..	7.3670	7.3645	7.3645	..	..	..	7.3580	..	7.3690
6	7.3700	7.3715	..	..	..	7.3645	7.3600	..	7.3620	..	7.3625	..
7	..	7.3715	..	..	..	7.3650	..	7.3610	7.3620	..	7.3625	7.3690
8	..	7.3715	7.3730	..	7.3640	7.3655	..	7.3615	7.3615	..	7.3630	7.3690
9	7.3705	7.3715	7.3730	..	7.3640	7.3660	..	7.3615	..	7.3580	7.3630	..
10	7.3705	..	7.3730	..	7.3635	..	7.3600	7.3615	..	..	7.3630	..
11	7.3705	..	..	7.3670	7.3635	..	7.3605	7.3620	..	7.3585	..	7.3695
12	7.3710	..	..	7.3670	7.3635	..	7.3605	..	7.3625	7.3590	..	..
13	7.3715	7.3710	7.3740	7.3670	..	7.3650	7.3610	..	7.3625	7.3600	7.3630	7.3705
14	..	7.3710	7.3745	7.3675	..	7.3645	7.3610	7.3620	7.3620	..	7.3635	7.3705
15	..	7.3710	7.3745	..	7.3640	7.3645	..	7.3620	7.3625	..	7.3635	7.3710
16	7.3715	7.3710	7.3750	..	7.3635	7.3640	..	7.3615	..	7.3595	7.3645	..
17	7.3715	7.3710	7.3750	7.3670	7.3635	..	7.3615	7.3610	..	7.3590	7.3650	..
18	..	..	..	7.3670	7.3630	..	7.3615	7.3610	7.3625	7.3590	..	7.3715
19	7.3720	..	..	7.3670	7.3625	7.3640	7.3615	..	7.3620	7.3590	..	7.3720
20	7.3720	7.3710	7.3745	7.3670	..	7.3630	7.3610	..	7.3615	7.3595	7.3655	7.3725
21	..	7.3710	7.3740	7.3670	..	7.3620	7.3610	7.3615	..	..	7.3660	7.3730
22	..	..	7.3735	..	..	..	..	7.3615	..	..	7.3675	7.3730
23	7.3725	7.3720	..	..	7.3620	7.3615	..	7.3610	..	7.3595	7.3685	..
24	7.3725	7.3725	..	7.3665	7.3620	..	7.3610	7.3620	..	7.3595	7.3690	..
25	7.3725	..	..	7.3665	7.3625	..	7.3615	7.3620	7.3610	7.3600	..	..
26	7.3725	..	..	7.3660	7.3630	..	7.3615	..	7.3600	..	..	7.3730
27	7.3730	7.3725	7.3735	7.3655	..	7.3610	7.3615	..	7.3590	..	7.3690	7.3740
28	..	7.3725	7.3735	7.3650	..	..	7.3615	7.3620	7.3580	..	7.3690	7.3745
29	..	...	7.3730	..	7.3635	7.3600	..	7.3620	7.3575	..	7.3690	7.3750
30	7.3725	...	7.3730	..	7.3640	7.3600	..	7.3625	..	7.3610	..	..
31	..	...	7.3720	...	7.3640	...	7.3610	7.3625	...	..	...	..