

ATMOSPHERIC ELECTRICITY DATA

Hourly means of the potential gradient

Atmospheric electricity data have been published since 1962. This table contains the hourly average values of the potential gradient expressed in V/m. The date column gives year, month, day. Hourly averages have been taken only from hours having a recording period of 30 minutes or more. If values were available only for part of an hour the average is entered in square brackets []. These data have been used in the determination of the daily means. Values uncertain for some reason are entered in round brackets () and have not been used in calculating daily means. Daily means of each day with 24 hours of recording are entered. However, loss of a maximum of one hour's data out of twelve (for example, on account of instrument maintenance or calibration) has not precluded entering this mean value. In hours marked by S the value of the potential gradient exceeded permanently or several times the measuring limits of the equipment making the determination of an hourly average impossible. The direction of the deviations is marked by signs. OBS indicates that the potential gradient exceeded the measuring limits of the equipment both in positive and negative directions. Gaps of some days are generally due to missing records. Data are presented in universal time (GMT).

Hourly means of quantities of positive and negative charges transported by point-discharge for each month

In this table the values are expressed in 10^{-6} Asec/hour. Data are presented in universal time (GMT).

Both the equipments and methods of measurements of potential gradient and point discharge have been described in the paper by BENCZE P and MÄRCZ F: "Atmosphärisch-elektrische und ionosphärische Messungen im Observatorium bei Nagycenk". Observatoriumsberichte des Geophysikalischen Forschungslaboratoriums der Ungarischen Akademie der Wissenschaften vom Jahre 1966, Sopron, 1967. Further information is given by BENCZE P and MÄRCZ F: "The Geophysical Observatory near Nagycenk. II. Atmospheric electricity and ionospheric measurements" (*Acta Geod. Geoph. Mont. Hung.*, 16, 1981, 353-357).

See CD (program Seenck.exe, menu item AtmElectr).

Hourly means of the
1994

Date	00	01	02	03	04	05	06	07	08	09	10	11
940101	-40	0	40	40	10	-S	+S	+S	+S	-S	OBS	-S
940102	40	40	40	40	50	40	40	60	[90]	70	90	90
940103	70	60	50	50	40	40	50	[70]	-	50	70	70
940104	80	50	-70	-30	10	40	70	80	[100]	[100]	70	50
940105	OBS	-100	60	30	30	40	40	30	40	[50]	70	70
940106	50	40	40	40	40	40	40	40	50	[50]	[40]	40
940107	-	-	-	-	-	30	30	20	30	[30]	40	40
940108	30	20	30	30	10	40	40	40	[50]	60	70	60
940109	70	50	40	70	60	70	70	100	[100]	70	70	90
940110	30	50	70	60	60	40	70	90	-	40	10	0
940111	-50	-40	-40	-30	-20	-30	-10	[-10]	-30	0	-10	(20)
940112	0	10	0	-10	(10)	-	-	-	(20)	[60]	50	50
940113	40	40	30	20	30	20	30	30	[30]	40	40	50
940114	50	50	40	30	30	30	40	[50]	[70]	80	70	40
940115	50	50	50	40	50	50	40	[60]	70	70	50	50
940116	0	0	0	0	-10	-10	-10	-10	0	[-10]	0	-10
940117	0	10	10	10	10	10	10	[10]	-	90	70	70
940118	30	30	40	40	60	80	90	[90]	[100]	90	100	100
940119	30	30	40	70	70	80	80	[90]	[100]	120	100	100
940120	-40	-10	0	20	40	40	-	40	[70]	60	80	70
940121	20	10	10	10	0	0	0	10	[20]	30	60	30
940122	70	70	70	70	70	90	70	[90]	140	130	90	90
940123	-	-	-	-	-	-	-	-	-	-	-	-
940124	-	-	-	-	-	-	-	-	-	-	-	-
940125	-	-	-	-	-	-	-	-	-	-	-	-
940126	-	-	-	-	-	-	-	-	-	-	-	-
940127	30	40	40	40	40	30	40	[40]	-	40	50	50
940128	50	50	40	40	30	40	60	[OBS]	20	20	40	30
940129	30	30	30	30	40	30	30	[30]	30	30	40	40
940130	50	40	30	10	10	0	10	[30]	OBS	20	20	60
940131	30	20	20	20	0	30	40	[50]	-	40	50	40

potential gradient

12	13	14	15	16	17	18	19	20	21	22	23	Means
-S	-S	10	40	40	60	80	70	60	50	40	50	-
100	80	80	70	60	80	80	50	40	70	20	40	61
70	80	70	140	130	120	110	110	120	110	90	30	81
60	50	40	40	40	50	50	50	70	60	-50	OBS	44
70	70	70	70	80	70	70	80	90	60	50	50	52
30	40	30	50	50	50	50	50	50	40	40	-	43
40	40	20	20	30	30	20	40	50	50	40	40	-
50	50	40	40	40	50	70	60	50	50	60	50	45
70	50	50	50	50	40	40	40	40	40	50	50	60
-20	-10	-20	-40	-10	-20	-20	-30	-40	-20	-30	-30	10
-10	-10	0	-10	-10	0	10	10	0	0	0	0	-13
50	50	50	60	50	20	50	40	40	40	30	40	-
50	40	30	40	50	50	70	70	60	60	50	40	42
30	50	40	60	30	30	50	50	40	30	70	50	46
40	30	50	40	30	40	30	30	10	10	10	10	40
-10	-10	0	-10	-10	-10	-10	0	0	0	10	10	-4
70	60	60	70	80	70	60	40	30	30	30	30	40
100	90	80	40	30	30	40	30	20	30	30	30	58
110	110	90	90	90	90	160	90	-20	-40	-60	-10	69
90	90	100	90	90	100	90	110	100	90	80	30	62
90	90	110	120	110	130	110	120	120	100	80	90	60
100	110	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	70	60	50	+S	40	50	50	40	-
40	50	60	60	70	70	90	100	80	80	60	60	55
50	50	40	50	40	60	OBS	OBS	-S	40	40	30	-
20	30	40	50	50	50	50	60	50	50	50	50	39
70	70	60	90	100	80	80	70	60	60	40	40	48
40	40	50	60	60	60	70	60	50	50	40	40	42

Date	00	01	02	03	04	05	06	07	08	09	10	11
940201	30	30	30	40	50	40	40	[50]	(80)	(40)	50	(60)
940202	40	40	30	30	40	40	30	[40]	50	(30)	(30)	60
940203	10	40	60	40	80	70	90	90	[80]	80	60	60
940204	70	80	60	80	70	60	70	80	[70]	50	50	40
940205	20	0	30	40	80	120	80	80	90	70	[40]	50
940206	20	30	20	10	10	30	50	[20]	50	20	30	30
940207	50	50	30	40	30	40	40	[50]	—	[60]	40	60
940208	−10	0	−10	−20	−30	−30	−20	30	[50]	50	40	50
940209	10	10	0	20	20	20	20	[40]	[60]	80	80	80
940210	60	60	50	40	40	50	40	40	[60]	120	80	60
940211	20	30	20	30	30	30	40	[50]	40	40	40	50
940212	30	0	−10	−10	−10	10	20	[10]	30	30	40	20
940213	−60	−20	−30	−20	−S	−40	−20	[30]	−20	—	—	−30
940214	30	30	20	20	20	40	40	40	—	70	60	60
940215	40	40	40	50	50	50	70	80	[80]	50	50	50
940216	30	30	20	—	—	—	—	—	—	100	110	120
940217	40	40	20	30	50	40	10	−10	[−20]	−10	30	40
940218	30	40	40	50	40	50	30	([0])	60	70	80	80
940219	−60	−60	−10	0	−20	−30	−10	[10]	30	70	80	90
940220	30	40	50	70	80	60	70	[60]	80	70	70	70
940221	—	—	—	—	—	—	—	—	—	—	—	—
940222	—	—	—	—	—	—	—	—	—	—	—	—
940223	—	—	—	—	—	—	—	—	—	—	—	—
940224	—	—	—	—	—	—	—	—	—	—	—	—
940225	—	—	—	—	—	—	—	—	—	—	—	—
940226	—	—	—	—	—	—	—	—	—	—	—	—
940227	—	—	—	—	—	—	—	—	—	—	—	—
940228	—	—	—	—	—	—	—	—	—	[80]	80	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
(70)	50	50	40	40	50	80	70	80	80	40	30	—
70	80	80	30	40	40	40	40	30	30	10	10	—
90	100	80	70	60	70	50	50	40	60	50	70	65
40	20	30	10	20	10	10	20	10	0	10	10	40
50	60	50	50	50	10	-10	20	10	40	30	40	46
40	40	60	40	40	50	40	60	50	70	110	60	41
60	60	60	60	70	50	50	10	30	10	-10	-20	40
60	60	30	10	10	-10	0	-10	-10	10	10	20	12
50	40	40	50	50	70	80	60	80	60	70	60	48
50	40	40	40	90	80	50	70	70	60	50	30	57
40	40	30	10	10	10	0	-10	10	-10	-10	10	23
30	30	30	10	20	20	40	0	-20	-20	-10	-40	10
-40	-80	-90	40	60	80	70	120	160	110	80	70	—
80	90	90	90	90	90	90	90	80	70	50	40	60
40	40	40	40	50	70	40	50	40	20	20	30	47
130	130	120	120	120	120	80	50	60	70	10	30	—
40	40	40	40	30	20	30	20	20	0	30	20	25
80	90	100	90	90	90	100	130	110	100	70	0	70
100	120	120	120	120	120	110	100	90	90	90	50	55
90	90	90	90	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
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—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
80	90	90	80	80	80	90	80	40	90	80	70	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
940301	80	90	90	90	80	110	90	(110)	70	30	60	90
940302	70	120	110	80	90	30	0	[20]	[20]	20	30	40
940303	20	10	30	30	20	20	[(20)]	–	40	40	40	40
940304	40	40	20	30	OBS	40	40	20	[20]	20	+S	OBS
940305	40	40	30	20	30	30	30	[70]	[90]	90	90	90
940306	10	10	20	40	40	70	70	[70]	[70]	60	40	40
940307	20	30	40	20	20	10	10	[(10)]	–	30	40	50
940308	40	40	30	30	40	40	50	40	[50]	30	20	20
940309	60	60	(50)	–	–	–	–	–	–	–	–	–
940310	–	–	–	–	–	–	–	–	–	–	100	110
940311	60	60	40	40	40	50	50	80	[90]	90	80	70
940312	–10	–40	–20	–10	0	–20	20	[30]	[10]	20	30	50
940313	40	40	10	20	10	30	40	80	[50]	[30]	10	20
940314	OBS	–50	OBS	20	30	50	50	60	[60]	30	–	50
940315	40	30	30	20	20	20	30	[30]	40	40	40	50
940316	40	40	+S	20	30	OBS	30	[60]	+S	70	70	60
940317	30	20	20	20	40	30	–40	20	[30]	–S	OBS	30
940318	40	30	30	20	20	30	40	50	[40]	40	20	30
940319	50	10	20	20	0	0	0	10	[30]	40	40	30
940320	30	40	40	50	40	40	[30]	OBS	OBS	OBS	80	90
940321	70	50	40	30	30	+S	+S	+S	–	10	30	40
940322	0	–60	–50	–80	–60	–50	–20	20	–	30	20	30
940323	20	0	–10	–110	–20	0	–20	[–10]	[10]	10	30	30
940324	40	40	40	40	30	–S	40	[60]	40	60	90	80
940325	–S	30	30	–30	–30	0	–140	[–120]	20	–20	20	80
940326	20	30	40	20	30	40	30	[10]	–10	10	40	30
940327	30	40	40	40	40	30	[+S]	40	60	30	OBS	OBS
940328	30	20	40	30	30	40	70	–	[60]	60	60	50
940329	20	40	30	20	30	40	50	[60]	50	40	50	50
940330	20	20	10	20	40	40	[70]	[50]	40	50	60	50
940331	30	30	20	30	10	30	[40]	[40]	40	50	60	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
90	90	80	80	90	80	80	70	40	0	-10	10	69
50	40	40	40	60	80	70	80	60	60	30	20	53
40	60	60	60	90	100	140	90	80	40	40	40	-
OBS	OBS	-S	OBS	0	-10	10	10	20	30	30	40	-
100	110	120	80	20	30	40	20	30	0	0	10	50
40	40	10	-20	0	40	40	60	70	60	70	40	41
50	40	90	140	30	80	70	20	-10	70	50	30	-
10	40	60	70	80	70	60	50	40	40	30	50	43
-	-	-	-	-	-	-	-	-	-	-	-	-
110	110	100	80	20	0	20	30	30	40	60	50	-
60	50	60	40	30	10	30	30	0	-20	-20	-40	41
80	70	70	60	50	50	40	30	50	40	30	30	28
20	20	30	40	40	40	40	40	40	10	30	OBS	32
60	70	70	60	70	80	100	80	80	80	40	40	-
50	60	50	60	50	60	50	40	30	30	40	40	40
50	60	60	60	60	70	70	OBS	40	+S	30	30	-
40	30	30	40	40	-S	50	60	50	40	30	40	-
30	40	40	30	20	-S	OBS	-S	10	10	0	20	-
20	30	30	20	20	30	40	30	30	30	30	20	24
70	60	60	70	80	100	90	70	60	50	50	50	-
40	60	60	60	40	40	40	50	30	40	40	30	-
30	30	40	40	40	30	40	20	30	20	20	10	6
30	30	40	60	70	70	60	40	40	40	40	40	20
70	80	80	60	70	90	80	OBS	0	30	+S	0	-
70	70	70	60	60	40	40	40	60	60	30	20	20
-10	OBS	40	40	60	60	60	70	70	70	70	OBS	-
60	60	70	30	30	30	40	40	40	40	40	40	-
40	40	40	40	50	40	40	40	20	20	10	20	39
40	40	40	50	50	70	80	50	70	40	40	30	45
70	70	60	60	50	40	40	40	40	40	30	40	44
70	80	70	60	50	60	60	60	70	40	30	10	47

Date	00	01	02	03	04	05	06	07	08	09	10	11
940401	0	10	20	20	20	20	30	[30]	40	40	50	40
940402	-S	10	20	10	20	20	0	[-10]	-10	10	10	30
940403	40	30	30	40	30	30	[40]	[40]	50	40	50	40
940404	40	30	30	40	30	30	40	[40]	50	60	50	60
940405	30	20	20	20	30	40	[30]	-	50	50	60	60
940406	50	50	50	40	40	30	40	[20]	-10	30	-10	(30)
940407	40	40	40	40	40	40	[50]	[50]	50	50	50	40
940408	40	30	40	40	40	50	50	50	[50]	50	50	60
940409	30	30	30	20	10	10	30	[20]	20	20	30	30
940410	20	20	10	-20	-10	0	0	[0]	10	20	30	40
940411	60	30	-10	0	-20	-20	-	[10]	20	30	60	40
940412	OBS	OBS	OBS	OBS	OBS	OBS	OBS	[30]	20	20	10	30
940413	10	-20	0	10	20	20	40	-	40	30	20	20
940414	30	30	40	40	40	40	80	[60]	40	50	70	60
940415	50	40	30	30	10	10	[20]	-	20	40	40	40
940416	30	40	30	30	40	40	60	[70]	60	50	50	60
940417	20	30	30	40	40	40	[80]	50	60	60	40	30
940418	-20	-10	0	10	10	0	-30	-	[-120]	20	50	60
940419	60	50	50	60	60	80	80	[70]	70	60	40	40
940420	40	40	40	30	30	20	20	[40]	40	40	40	50
940421	30	40	30	30	40	40	60	[60]	50	50	50	50
940422	40	40	50	40	50	50	[60]	80	70	70	60	70
940423	40	30	30	20	30	40	[50]	50	60	80	80	80
940424	10	10	10	0	0	20	[30]	40	40	40	50	50
940425	10	0	-	-	-	-	-	-	-	60	60	70
940426	30	20	10	30	10	[10]	10	10	30	30	30	30
940427	0	-20	10	10	10	[0]	10	30	50	80	70	70
940428	-20	-30	-40	-20	-10	[-10]	30	50	70	80	80	80
940429	30	30	30	30	40	[40]	40	60	80	80	80	80
940430	10	10	10	10	10	20	[30]	40	40	70	70	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	30	30	0	40	40	50	30	0	0	0	80	27
30	30	30	40	40	40	40	30	40	40	30	30	23
50	50	40	60	60	60	60	60	60	50	40	40	45
50	50	40	40	40	40	50	40	40	40	40	40	42
70	70	70	80	80	90	80	70	50	50	50	50	53
(20)	30	40	50	20	-20	10	20	40	40	40	40	29
40	50	60	70	60	50	50	50	50	40	30	40	47
70	70	70	60	50	30	0	10	30	10	0	10	40
40	40	30	40	30	30	20	-10	+S	-10	-10	10	21
40	40	50	50	50	50	60	50	60	70	70	70	33
50	60	70	70	70	70	70	80	70	50	-S	OBS	-
20	0	0	-20	0	30	0	30	40	30	20	20	-
20	20	-20	40	+S	OBS	OBS	10	50	70	60	40	-
70	70	70	60	60	OBS	OBS	OBS	30	60	50	40	-
50	50	50	50	50	50	60	60	50	60	40	20	40
70	40	40	60	60	50	+S	OBS	20	30	OBS	20	-
20	-20	-30	-10	70	20	30	(40)	(30)	30	-20	0	-
30	0	40	60	70	60	50	50	60	60	60	60	24
40	40	40	40	60	40	40	70	40	50	40	40	53
50	50	50	50	50	50	50	50	50	40	40	30	41
60	60	70	70	60	60	60	70	60	60	40	40	52
70	80	90	80	70	70	60	60	40	40	30	40	59
90	80	80	80	60	40	30	40	40	30	20	20	50
50	50	50	50	70	+S	OBS	OBS	OBS	OBS	10	10	-
70	60	60	50	60	30	30	40	30	30	40	40	-
40	30	20	10	10	20	10	10	0	-10	0	10	17
70	60	60	40	40	40	40	40	-10	-30	-20	-30	26
90	80	60	60	70	70	70	60	60	60	50	40	43
70	80	70	80	70	60	50	40	20	10	10	10	50
80	80	80	70	60	30	20	10	0	0	0	0	34

Date	00	01	02	03	04	05	06	07	08	09	10	11
940501	0	0	0	0	0	10	[30]	OBS	OBS	20	-10	20
940502	10	10	10	30	40	40	[50]	-	60	50	40	30
940503	40	40	30	20	20	[30]	40	40	40	50	60	70
940504	30	10	10	10	20	[20]	20	30	30	40	40	40
940505	OBS	OBS	OBS	10	40	[20]	30	30	0	20	40	30
940506	20	20	30	30	30	40	[40]	30	30	20	20	30
940507	-10	0	10	10	20	30	[30]	40	50	60	60	40
940508	30	10	30	40	50	50	50	[50]	60	50	50	40
940509	10	20	20	10	20	30	-	-	40	40	50	50
940510	10	10	10	20	30	30	OBS	OBS	10	70	-S	70
940511	30	20	20	20	30	[30]	30	40	60	80	80	70
940512	20	20	20	20	30	[30]	30	30	30	40	40	50
940513	30	20	30	30	20	30	30	[40]	40	40	50	60
940514	30	40	40	40	30	30	20	30	40	30	40	20
940515	10	20	10	30	40	40	[40]	30	50	60	60	70
940516	20	10	10	20	30	50	-	-	[70]	90	90	90
940517	20	20	20	20	20	[40]	+S	30	+S	80	70	80
940518	40	30	30	20	40	[60]	70	70	80	90	90	90
940519	40	30	40	30	40	0	OBS	OBS	-S	-S	-10	30
940520	0	30	30	20	30	[30]	40	40	40	60	40	OBS
940521	30	30	20	20	10	[20]	40	40	40	60	70	40
940522	30	40	70	70	40	[80]	60	40	40	40	60	70
940523	10	0	0	10	30	[0]	0	30	30	40	60	60
940524	OBS	-S	10	20	40	40	-	-	[110]	80	70	60
940525	-10	0	10	10	20	-S	-S	-100	-20	10	120	30
940526	30	10	10	30	30	[40]	50	50	40	40	50	40
940527	-	-	-	-	-	-	-	-	70	60	80	50
940528	30	30	10	40	30	40	[40]	40	60	60	40	40
940529	OBS	10	20	20	40	40	70	[70]	50	50	30	-10
940530	10	10	10	20	20	40	-	-	80	OBS	OBS	OBS
940531	40	40	40	40	70	[80]	80	80	80	80	80	80

12	13	14	15	16	17	18	19	20	21	22	23	Means
OBS	30	40	50	50	50	50	40	40	40	40	20	—
40	40	40	50	40	50	50	50	50	50	50	40	40
80	90	90	80	70	50	40	30	20	20	20	30	46
40	50	50	50	40	40	40	30	30	20	10	—20	28
30	10	—S	—S	20	30	30	30	20	20	20	20	—
20	10	30	30	20	30	30	30	20	20	10	10	25
50	40	50	50	50	60	60	40	60	40	30	30	38
40	40	60	50	50	40	20	20	20	20	10	10	37
40	50	50	60	40	40	40	30	30	20	20	10	—
50	—S	30	40	40	40	40	40	40	20	10	30	—
70	80	80	80	+S	OBS	30	—S	40	40	40	30	—
OBS	OBS	—S	OBS	OBS	80	60	30	20	20	20	20	—
60	60	80	70	60	40	30	—40	40	50	40	30	39
20	20	30	OBS	20	30	40	40	30	20	10	10	29
80	80	70	80	—S	OBS	OS	OBS	OBS	10	10	20	—
90	90	90	90	80	40	30	30	30	30	30	20	—
40	40	60	60	60	60	40	40	60	60	60	40	—
90	100	90	80	80	80	80	70	30	30	40	40	64
30	20	10	10	—10	—10	—S	—S	—40	—10	10	10	—
OBS	+S	—20	OBS	OBS	OBS	—S	OBS	—S	OBS	10	30	—
40	40	40	40	40	40	40	30	40	30	30	30	36
80	70	90	90	80	70	40	30	10	10	0	10	51
70	80	OBS	OBS	20	30	—S	OBS	OBS	+S	20	20	—
50	60	70	70	60	60	30	OBS	OBS	20	—20	—30	—
10	30	30	30	20	30	40	30	40	30	20	10	—
40	50	40	40	30	20	0	—10	—	—	—	—	—
40	OBS	+S	30	30	20	—S	0	20	20	30	30	—
40	40	40	50	40	40	50	40	30	OBS	OBS	OBS	—
—20	OBS	OBS	—70	60	70	70	60	40	40	30	20	—
30	80	60	40	30	30	30	10	10	20	30	40	—
80	70	70	60	60	60	50	40	30	20	10	10	56

Date	00	01	02	03	04	05	06	07	08	09	10	11
940601	10	20	20	30	40	[50]	60	60	70	80	80	80
940602	10	20	20	30	40	[50]	50	40	50	60	60	60
940603	50	40	20	20	30	[30]	20	40	50	70	60	60
940604	10	20	OBS	OBS	OBS	30	40	80	60	40	40	20
940605	-S	-60	-10	30	30	[30]	10	0	-S	30	50	20
940606	40	40	40	40	40	40	-	-	40	40	+S	40
940607	30	20	30	30	40	[40]	40	40	40	30	30	40
940608	30	20	20	20	20	40	40	[40]	50	70	80	80
940609	0	0	0	10	20	[10]	20	20	30	40	50	-10
940610	10	10	10	10	10	[20]	20	30	30	40	40	40
940611	20	10	0	0	0	10	30	[50]	50	40	40	50
940612	30	10	0	-10	10	20	[20]	30	10	30	40	40
940613	OBS	+S	-S	-60	-80	-10	30	-	70	60	70	50
940614	20	20	20	20	10	[10]	10	10	10	10	10	10
940615	0	10	20	20	20	[20]	[20]	30	60	60	50	50
940616	20	10	10	20	20	30	30	[30]	30	30	20	20
940617	OBS	OBS	OBS	30	20	20	30	[0]	OBS	OBS	OBS	OBS
940618	20	0	-30	0	20	20	20	[30]	40	40	40	40
940619	20	10	10	10	10	10	10	[30]	30	50	60	50
940620	20	20	-10	-S	OBS	20	-	-	40	50	30	30
940621	40	30	40	30	30	40	50	[60]	60	70	60	50
940622	20	10	10	10	20	30	30	[40]	40	70	70	60
940623	0	0	20	30	30	40	[40]	50	40	40	40	60
940624	20	10	0	20	30	40	40	[40]	30	40	40	50
940625	10	10	10	20	30	20	20	30	[40]	50	50	60
940626	30	40	30	40	40	60	40	-	60	80	110	120
940627	30	40	30	40	40	60	40	-	60	80	110	120
940628	40	50	(40)	60	70	[70]	[50]	60	70	90	110	110
940629	10	20	10	20	20	40	[40]	30	60	80	90	110
940630	30	30	40	30	30	[40]	30	30	40	40	50	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	70	80	80	70	40	40	30	30	20	20	20	49
60	70	80	70	60	50	50	40	30	40	50	50	48
70	60	70	70	50	40	20	20	30	10	10	10	40
30	50	40	20	30	20	20	10	10	-60	-90	-S	-
30	20	10	10	10	20	20	-	-	-	30	40	-
40	30	40	-	-	30	30	40	30	40	30	30	-
40	40	30	40	40	30	40	40	40	40	30	30	35
70	80	80	80	70	60	40	40	40	20	10	10	46
-S	-40	10	20	30	20	-S	-S	-S	-10	10	0	-
40	40	40	30	10	-10	-110	-60	-70	-20	-20	-10	5
50	40	30	30	20	20	20	30	30	40	30	20	28
40	30	-S	OBS	OBS	OBS	-50	20	-90	-130	-60	OBS	-
40	40	30	30	20	40	40	40	30	30	30	20	-
20	30	20	20	10	0	10	10	20	30	20	10	15
60	60	70	60	50	50	30	40	30	20	10	20	36
20	60	70	20	30	20	-S	30	20	20	OBS	40	-
-S	60	50	50	40	40	40	60	50	40	40	20	-
40	50	50	50	40	40	30	20	20	20	20	10	26
20	60	OBS	OBS	70	40	OBS	OBS	OBS	10	20	0	-
40	20	40	40	40	50	40	40	40	40	40	40	-
50	50	50	60	50	50	50	40	40	40	30	20	45
70	80	80	90	60	40	40	30	30	30	10	10	41
60	60	80	80	50	60	50	40	40	40	60	40	44
50	50	60	60	40	40	40	30	20	20	10	10	33
60	70	80	80	90	80	70	50	50	40	40	40	46
120	110	110	110	110	70	60	50	40	40	30	30	67
120	110	110	110	110	70	60	50S	40S	40	30	30	67
110	120	+S	+S	OBS	OBS	OBS	OBS	OBS	+S	0	0	
120	130	120	120	80	70	50	40	30	30	30	40	58
60	70	60	50	50	40	50	60	50	40	30	20	43

Date	00	01	02	03	04	05	06	07	08	09	10	11
940701	30	0	10	10	10	20	[40]	40	60	70	70	80
940702	30	30	40	40	40	50	[40]	50	70	80	90	110
940703	10	0	0	10	10	30	[40]	50	60	80	80	90
940704	20	0	0	0	20	30	—	—	70	90	100	120
940705	10	20	20	30	20	30	[40]	30	30	30	40	30
940706	30	20	30	40	40	[40]	40	70	90	110	100	110
940707	30	10	40	40	80	OBS	OBS	OBS	OBS	OBS	40	80
940708	40	60	40	40	30	—S	OBS	—30	20	20	40	30
940709	10	20	20	20	30	40	[40]	60	70	60	70	70
940710	10	20	30	30	20	30	[40]	30	40	80	OBS	OBS
940711	30	20	30	30	20	30	—	—	70	80	70	80
940712	50	40	40	40	40	[60]	[60]	70	80	80	80	80
940713	30	30	30	30	10	[30]	60	70	80	80	80	80
940714	30	30	20	10	20	[40]	60	40	50	70	80	90
940715	0	0	0	0	10	[30]	[40]	40	60	80	80	80
940716	20	20	20	20	20	50	[50]	40	50	80	80	80
940717	0	—10	—10	—10	0	30	[40]	40	50	80	80	90
940718	20	30	20	20	30	40	[40]	—	10	[90]	80	90
940719	10	20	0	10	0	20	[30]	[40]	60	70	70	90
940720	30	20	OBS	OBS	20	[40]	(30)	—	—	—	—	—
940721	40	40	40	30	30	60	70	[60]	80	90	90	90
940722	40	30	30	30	30	[40]	40	40	70	80	80	90
940723	20	10	20	20	10	30	(40)	[40]	60	80	80	90
940724	(10)	20	10	0	20	40	[40]	40	60	90	90	90
940725	0	—10	—10	—10	—10	10	—	—	40	60	60	50
940726	0	—10	0	10	10	[30]	30	40	40	60	60	60
940727	20	20	0	10	0	[10]	40	40	50	80	80	80
940728	30	20	10	20	20	[30]	40	40	50	70	80	80
940729	10	10	10	10	30	30	[40]	30	40	80	80	80
940730	—10	—10	0	—10	—10	10	[30]	30	40	60	50	50
940731	10	10	0	10	[20]	30	40	40	40	70	70	80

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	80	80	80	80	80	70	60	40	40	30	20	49
120	120	140	140	130	70	50	40	20	10	10	20	64
110	120	110	120	90	50	30	20	10	0	0	0	47
130	140	140	110	80	70	40	30	20	10	0	10	—
30	30	+S	30	40	30	60	30	OBS	40	30	30	—
+S	OBS	110	130	90	60	70	80	40	40	60	60	—
120	80	70	70	70	60	70	60	60	40	40	40	—
20	30	60	70	60	40	30	20	20	20	20	10	—
40	30	OBS	OBS	OBS	30	30	20	20	20	20	20	—
OBS	OBS	40	90	40	40	40	30	30	30	30	30	—
80	80	80	70	70	60	80	70	60	60	50	50	—
90	80	90	80	OBS	OBS	OBS	10	OBS	OBS	0	10	—
90	90	100	80	0	OBS	OBS	OBS	30	30	50	30	—
80	80	80	80	60	40	30	10	20	20	10	0	44
80	80	60	+S	140	70	30	40	50	40	30	20	46
90	90	80	50	40	30	10	10	10	10	0	0	40
90	80	80	90	80	40	40	30	30	20	10	20	41
+S	OBS	OBS	OBS	OBS	10	+S	OBS	+S	10	10	10	—
90	—S	OBS	OBS	20	110	40	60	60	60	20	20	—
—	(200)	130	100	90	80	70	70	70	60	60	60	—
90	100	110	100	60	40	30	40	30	40	40	40	60
90	90	100	100	70	40	30	20	20	30	20	30	52
90	100	120	120	90	60	40	40	20	0	(10)	(20)	—
90	90	110	110	80	30	20	10	10	0	10	0	46
70	70	60	70	60	50	40	30	20	20	10	0	—
70	80	80	80	50	20	20	10	10	10	0	0	32
80	81	90	100	70	40	OBS	40	40	40	30	30	47
100	100	120	+S	40	30	30	30	30	10	20	10	44
90	90	100	100	60	40	30	20	10	0	0	—10	41
50	60	60	50	40	40	40	40	30	30	20	10	29
70	80	80	80	60	50	30	20	10	0	0	0	38

Date	00	01	02	03	04	05	06	07	08	09	10	11
940801	20	20	10	0	10	30	—	—	40	80	70	80
940802	10	20	30	30	30	[30]	30	20	40	70	80	80
940803	30	20	30	30	30	[30]	30	40	60	80	90	100
940804	30	20	20	20	30	[30]	30	30	30	60	70	70
940805	0	10	10	10	10	[30]	—	—	—	—	—	—
940806	—	—	—	—	—	—	—	—	—	—	—	—
940807	—	—	—	—	—	—	—	—	—	—	—	—
940808	—	—	—	—	—	—	—	—	—	—	—	—
940809	—	—	—	—	—	—	—	—	—	—	—	—
940810	—	—	—	—	—	—	—	—	—	—	—	—
940811	—	—	—	—	—	—	—	—	—	—	—	—
940812	—	—	—	—	—	—	—	—	—	—	—	—
940813	—	—	—	—	—	—	—	—	—	—	—	—
940814	—	—	—	—	—	—	—	—	—	—	—	—
940815	—	—	—	—	—	—	—	[40]	40	50	50	50
940816	10	10	10	10	20	[30]	30	30	40	50	60	60
940817	20	10	10	20	20	[20]	30	20	30	30	40	40
940818	30	+S	OBS	0	—S	—S	OBS	OBS	OBS	50	70	90
940819	10	10	20	10	30	[40]	50	[40]	—	40	40	60
940820	60	30	+S	OBS	OBS	0	40	[60]	40	60	30	10
940821	30	30	20	10	10	10	[10]	[40]	30	40	40	60
940822	60	60	60	60	40	80	—	—	[50]	60	60	80
940823	40	10	0	0	20	[30]	[60]	70	50	40	50	40
940824	40	50	40	30	30	[50]	110	70	80	60	60	90
940825	40	40	40	40	30	[30]	80	80	80	50	50	40
940826	10	20	10	20	20	20	20	—	—	—	—	—
940827	40	40	30	30	20	30	[40]	50	90	110	120	120
940828	30	30	20	20	(120)	40	60	50	50	60	70	80
940829	40	OBS	—S	20	30	[40]	—	—	OBS	OBS	—30	60
940830	10	20	30	30	30	40	[40]	[40]	40	40	40	50
940831	20	20	30	40	40	[40]	50	40	50	50	50	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
80	80	70	80	60	50	40	30	20	20	10	10	—
90	100	100	110	90	50	40	40	30	30	30	30	50
110	110	100	100	80	50	50	60	50	40	30	30	58
70	80	80	90	80	80	50	40	40	30	10	10	46
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
50	50	(40)	(40)	40	40	30	30	40	20	20	10	—
50	70	80	70	60	40	30	30	20	10	10	20	35
40	+S	OBS	OBS	OBS	OBS	OBS	10	OBS	OBS	30	30	—
40	30	40	40	40	30	30	30	30	40	30	10	—
40	30	40	40	—10	—10	30	60	60	60	40	60	34
30	40	40	40	40	40	20	30	30	30	10	20	—
60	70	70	70	60	70	80	60	40	40	40	40	43
+S	—S	OBS	OBS	OBS	OBS	—20	10	30	40	40	40	—
40	+S	OBS	OBS	30	30	20	30	40	30	30	40	—
OBS	OBS	+S	OBS	20	40	50	50	60	60	30	30	—
50	50	50	50	20	10	20	10	10	20	30	20	39
—	—	—	—	—	—	60	60	60	60	50	40	—
120	120	90	80	70	70	50	50	50	50	40	30	64
80	80	80	70	60	50	40	+S	30	20	OBS	—S	—
70	60	50	30	20	20	20	20	30	30	30	20	—
50	50	50	50	50	50	40	30	20	20	20	20	36
50	60	60	50	50	50	40	40	40	40	40	30	43

Date	00	01	02	03	04	05	06	07	08	09	10	11
940901	40	OBS	-S	OBS	30	30	70	[40]	40	40	60	60
940902	40	40	50	50	50	50	-	[+S]	40	50	50	50
940903	OBS	OBS	+S	OBS	OBS	OBS	OBS	OBS	OBS	OBS	+S	110
940904	20	20	40	30	[40]	50	50	50	50	50	60	60
940905	30	30	30	30	30	30	-	-	40	50	50	50
940906	20	20	40	40	30	[40]	40	40	40	40	50	50
940907	20	20	40	40	30	[40]	40	40	40	40	50	50
940908	0	10	10	10	10	[30]	50	50	60	60	70	80
940909	40	40	50	30	30	50	50	[50]	50	50	50	50
940910	30	20	30	10	20	20	+S	OBS	+S	20	40	60
940911	20	10	20	10	30	30	[40]	50	40	40	40	40
940912	-10	0	0	0	10	10	[40]	40	40	50	50	60
940913	10	10	20	20	20	20	-	-	-	-	-	-
940914	60	40	40	30	20	[30]	70	(50)	40	40	60	70
940915	30	40	50	40	30	[40]	40	-	-	-	-	[50]
940916	40	50	50	50	50	50	70	70	80	80	70	50
940917	30	20	30	10	10	20	30	[40]	40	40	30	40
940918	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	-S	50	40	10
940919	30	20	30	40	40	40	-	-	50	50	50	60
940920	20	20	20	20	20	30	[30]	40	40	30	40	40
940921	10	10	10	20	20	20	30	[40]	40	40	40	40
940922	10	10	10	10	10	20	[30]	30	30	50	60	60
940923	10	20	30	20	10	20	40	-	40	60	70	60
940924	10	10	20	10	(20)	20	10	-10	-10	-10	-10	-10
940925	30	40	30	20	20	40	60	40	50	40	40	50
940926	60	80	80	70	70	60	80	-	-	70	80	80
940927	-10	+S	0	-40	-60	0	[30]	110	80	30	20	10
940928	-10	-10	-10	-10	-10	0	10	20	[30]	30	30	30
940929	-10	-10	0	10	10	20	30	40	30	30	40	40
940930	20	20	20	20	10	30	30	40	20	30	40	30

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	70	70	50	70	60	50	50	50	50	50	50	—
50	70	60	50	50	50	40	30	50	50	40	40	—
110	40	60	50	20	30	20	30	30	20	20	20	—
70	70	60	60	50	50	50	50	40	40	40	40	48
60	70	60	50	40	40	50	40	30	30	20	30	—
50	50	50	40	40	30	30	30	20	10	10	0	34
50	50	50	40	40	30	30	30	20	10	10	0	34
70	70	60	50	50	50	50	40	30	30	40	40	43
50	50	50	40	40	40	50	50	50	40	40	40	45
50	10	20	40	30	40	40	40	30	20	30	40	—
50	50	50	40	70	40	20	20	10	0	0	0	30
60	70	70	60	50	30	20	30	30	30	20	10	32
50	60	50	40	40	40	40	40	40	40	50	60	—
80	80	60	60	40	40	50	50	50	60	50	40	50
50	70	71	60	60	OBS	OBS	OBS	OBS	OBS	60	—S	—
60	70	50	40	40	40	40	40	30	30	20	20	50
40	—S	30	30	30	40	40	40	30	40	40	30	32
10	20	30	30	40	40	40	40	40	30	30	30	—
50	50	50	50	40	40	50	60	60	50	30	30	—
40	40	30	30	40	50	40	40	30	20	20	10	31
40	50	40	40	30	20	30	20	20	30	10	10	28
50	50	50	40	40	30	20	10	30	20	20	20	30
70	60	50	60	40	30	10	10	10	10	10	10	33
0	20	20	20	40	40	40	40	40	30	30	20	16
60	80	80	50	50	40	50	60	60	50	50	40	47
80	70	60	60	40	30	20	20	30	10	0	—10	—
20	20	30	20	30	30	10	10	20	10	0	—10	16
30	20	40	40	10	—10	—10	10	—10	0	0	10	10
40	40	30	40	30	20	20	30	20	20	10	10	23
30	30	20	20	20	10	10	30	30	30	20	20	24

Date	00	01	02	03	04	05	06	07	08	09	10	11
941001	20	50	70	30	90	70	50	50	50	60	40	60
941002	20	20	30	30	20	20	30	20	30	20	40	40
941003	50	40	40	40	50	50	70	—	—	—	50	50
941004	−10	10	−20	10	−20	−10	−S	20	70	40	30	70
941005	0	0	0	10	20	40	[50]	40	30	30	30	30
941006	0	10	20	30	30	40	50	30	30	30	OBS	OBS
941007	20	20	20	30	20	20	20	30	0	−S	OBS	−S
941008	40	20	20	40	30	10	30	[30]	40	20	20	10
941009	20	30	10	20	10	10	10	[20]	20	30	40	40
941010	30	20	30	10	30	30	10	[30]	—	40	60	50
941011	10	10	20	10	20	20	[30]	40	30	40	50	60
941012	50	30	40	20	0	90	[90]	140	140	90	40	40
941013	190	180	80	140	140	140	140	130	[130]	30	40	40
941014	30	30	40	40	30	20	30	[40]	[50]	60	70	80
941015	10	10	10	10	0	30	20	[30]	30	20	10	40
941016	70	60	80	120	120	120	140	140	[140]	120	120	80
941017	0	10	10	0	−10	0	40	—	—	40	50	50
941018	60	60	60	60	60	70	[80]	80	90	80	90	90
941019	30	20	10	20	10	20	[10]	10	20	30	30	30
941020	20	30	20	10	10	30	40	20	[30]	30	40	50
941021	30	30	40	30	40	40	40	30	[−10]	−10	10	−10
941022	30	20	20	10	10	10	0	[0]	0	10	0	0
941023	−10	−20	−10	10	−10	10	−20	[−10]	10	10	10	10
941024	0	20	40	40	50	50	60	[60]	—	40	30	−S
941025	30	20	20	30	30	40	40	60	[70]	50	40	40
941026	40	40	50	110	70	70	80	[80]	50	40	40	50
941027	+S	OBS	OBS	−S	10	30	30	30	[40]	30	30	40
941028	10	20	10	10	20	30	40	50	[60]	60	50	40
941029	0	10	30	−10	−60	10	30	30	[40]	40	40	40
941030	40	30	40	40	50	60	80	[70]	[60]	50	40	40
941031	50	50	60	70	70	80	80	[80]	—	—	90	80

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	40	20	20	40	30	30	50	40	30	40	30	45
40	30	40	50	50	20	30	40	60	60	60	50	34
20	30	30	40	40	50	50	OBS	OBS	OBS	OBS	OBS	—
60	60	70	80	80	30	20	130	+S	10	10	0	34
30	40	40	40	40	50	50	50	40	30	20	30	31
(+S)	OBS	30	40	50	60	60	50	50	40	30	30	—
—S	OBS	—S	—S	—S	—10	30	—30	30	50	50	30	—
20	30	40	40	40	40	40	50	50	40	20	10	30
50	40	50	40	40	50	50	40	40	40	40	30	32
50	50	40	40	40	40	30	20	10	10	10	10	30
70	60	60	60	50	60	50	50	60	60	60	60	43
50	50	50	50	40	30	20	20	30	60	110	+S	56
60	60	60	60	70	70	60	40	40	40	40	30	80
80	110	80	70	60	50	40	30	30	20	20	20	47
80	80	80	60	30	0	0	20	20	30	50	60	30
60	80	80	60	80	140	130	70	110	130	80	10	98
70	80	80	80	70	80	90	80	90	80	60	60	—
90	70	70	70	50	70	50	50	40	40	30	30	64
30	30	30	30	30	30	30	30	20	10	10	20	23
50	50	50	50	40	40	40	40	30	40	40	40	35
20	20	30	30	10	10	20	30	40	40	30	30	23
—10	—10	—10	—10	—10	—20	—10	—10	—10	10	—10	—10	0
10	10	20	10	—10	0	10	0	0	—10	—20	—20	—2
—S	—S	—S	—S	—S	—S	—S	—S	—160	—20	20	40	—
50	40	40	30	50	70	50	40	40	40	30	40	41
40	30	20	OBS	OBS	OBS	OBS	OBS	50	40	OBS	OBS	—
40	40	40	40	50	40	40	30	30	0	20	—10	—
40	30	20	0	30	30	20	0	OBS	—20	—S	OBS	—
40	50	850	50	80	60	70	60	50	60	40	40	35
50	50	60	40	30	30	40	40	70	50	50	50	48
60	70	50	40	40	50	40	60	90	30	20	70	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
941101	80	110	+S	130	80	120	90	100	[130]	30	70	60
941102	30	20	20	20	20	30	10	50	[40]	30	30	40
941103	20	10	10	20	20	10	10	10	[20]	10	10	10
941104	0	10	10	10	20	40	30	30	[30]	40	40	60
941105	20	20	0	-10	-10	-10	-20	-10	-10	-30	-40	-20
941106	-40	-30	-10	-10	-20	-10	-20	0	20	30	50	60
941107	20	30	30	40	0	30	-10	-	-	-10	-40	-50
941108	-50	-40	-30	-20	-10	30	40	30	20	30	30	30
941109	0	0	10	0	10	10	0	20	[20]	0	10	20
941110	0	0	10	20	30	30	30	30	[10]	10	20	40
941111	-10	10	10	10	0	10	-10	-20	[-20]	0	-10	-40
941112	10	10	10	30	30	40	30	30	[30]	40	40	40
941113	60	40	60	60	40	40	40	40	[40]	40	40	40
941114	-10	-10	-10	-10	0	-10	0	-	-	10	0	10
941115	30	30	10	30	30	40	40	60	[80]	70	70	60
941116	30	30	30	10	10	-30	-30	[20]	-	-	-	-
941117	-	-	-	-	-	-	-	-	-	-	-	-
941118	-	-	-	-	-	-	-	-	-	-	-	-
941119	-	-	-	-	-	-	-	-	-	-	-	-
941120	-	-	-	-	-	-	-	-	-	-	-	-
941121	-	-	-	-	-	-	-	-	-	-	-	-
941122	-	-	-	-	-	-	-	-	-	-	-	-
941123	-	-	-	-	-	-	-	-	-	-	-	-
941124	-	-	-	-	-	-	-	-	-	0	0	20
941125	20	10	10	10	10	10	30	[20]	(20)	20	10	10
941126	20	30	10	0	-20	-20	0	[10]	[10]	10	-80	-60
941127	30	30	30	20	30	20	-70	0	[10]	-10	0	40
941128	30	30	40	60	30	30	30	-	-	-	-	-
941129	40	40	40	40	60	70	90	[90]	-	(90)	(70)	60
941130	40	40	40	40	40	40	[60]	70	-	-	-	-

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	40	30	30	20	20	10	20	10	30	30	30	60
40	50	40	40	20	10	0	0	0	10	20	20	25
10	30	30	30	30	20	10	0	10	10	0	-10	14
60	40	40	30	10	-10	10	20	20	0	10	20	24
-10	-20	-30	-10	-10	-10	-10	-40	-20	-40	-60	-40	-18
30	30	40	30	40	30	10	30	10	30	20	30	10
-20	-10	-10	-40	-20	-20	-20	-50	-30	-10	-20	-50	-
30	40	50	30	30	20	30	40	40	30	0	10	17
20	0	10	10	-10	-10	10	0	0	-10	-10	-10	4
40	30	40	40	40	40	30	10	20	30	0	-10	23
-50	-60	-60	-50	-60	-50	-20	0	-50	-11-00	-90	-10	-28
60	50	60	60	70	90	80	100	110	90	80	80	53
40	40	20	10	0	-10	-10	0	-10	-10	-10	-10	25
30	30	10	30	40	50	70	40	40	40	50	40	-
50	40	30	10	20	10	30	40	30	40	40	30	38
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
20	[30]	30	30	30	0	0	0	20	20	0	10	-
30	30	30	30	30	40	30	30	10	-10	10	10	19
-50	10	10	20	10	30	70	-80	-90	-70	-20	10	-10
20	20	30	40	60	30	30	40	60	30	20	30	23
-	-	-	70	70	90	80	80	80	80	70	40	-
70	70	60	70	40	40	40	40	30	10	30	40	-
-	-	60	40	OBS	60	70	90	100	90	70	80	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
941201	80	80	80	80	90	90	90	110	(100)	90	90	90
941202	20	0	-10	-10	-10	-10	-10	-10	[-10]	-10	0	10
941203	-40	-20	(-10)	10	60	(70)	30	[60]	120	80	80	70
941204	90	70	80	70	40	90	90	[90]	30	10	0	30
941205	60	80	110	90	140	140	140	[40]	-	60	30	40
941206	+S	210	210	+S	+S	190	170	110	[50]	40	70	70
941207	40	30	30	30	20	10	20	30	[50]	50	50	40
941208	40	40	70	70	30	0	30	60	[60]	50	50	20
941209	-10	-10	10	30	10	30	20	[-30]	[-10]	-10	30	50
941210	70	60	50	10	20	20	10	0	[10]	0	30	60
941211	50	60	50	10	-30	-10	-10	10	[0]	-10	0	20
941212	50	50	50	40	50	50	50	-	[40]	50	50	50
941213	30	30	30	30	30	30	30	[40]	[30]	40	40	30
941214	40	30	30	30	30	30	OBS	[30]	[10]	30	50	30
941215	40	30	40	30	40	40	50	[40]	[40]	50	50	50
941216	30	20	20	20	20	30	40	60	[80]	130	70	50
941217	10	20	20	30	40	40	50	50	((40))	30	30	30
941218	20	30	20	20	30	30	50	50	[50]	50	40	40
941219	20	10	10	20	20	20	0	-	-	-40	-30	-10
941220	-30	0	-10	-10	10	0	30	0	[0]	0	-10	0
941221	20	20	20	10	-30	70	80	[70]	30	40	30	70
941222	40	50	50	40	60	50	40	50	[30]	20	[20]	30
941223	-10	-10	0	10	10	10	0	[0]	[-10]	-10	-10	-20
941224	-60	-70	-80	-120	-120	-110	-120	-110	[-110]	-140	-120	-90
941225	30	30	30	40	50	40	40	[40]	[30]	30	40	40
941226	40	40	40	50	40	40	30	30	10	[10]	0	10
941227	30	0	10	20	10	0	50	80	[0]	-60	-40	-40
941228	-20	0	70	20	20	20	[10]	40	30	20	30	10
941229	30	30	30	20	50	70	30	-	50	30	70	60
941230	40	40	60	80	80	100	90	[130]	90	60	0	20
941230	OBS	+S	-S	OBS	10	20	20	(30)	[50]	70	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
90	110	90	90	80	80	80	60	70	70	60	30	82
-10	-10	-10	-40	-50	-30	-10	-30	-50	-50	-60	-60	-19
70	30	40	80	80	60	80	80	40	10	10	60	-
40	30	20	0	10	20	30	30	10	-40	-10	-70	32
40	50	50	30	-30	20	70	120	70	60	+S	+S	-
50	30	40	50	50	50	50	50	50	+S	60	40	-
50	50	50	40	50	40	20	20	0	-10	0	50	32
40	30	230	50	30	30	20	10	30	-10	-10	-20	31
30	-10	10	30	10	30	-60	0	80	60	70	70	18
60	40	30	50	50	50	50	30	30	40	30	40	34
40	50	50	60	80	90	80	110	70	50	50	50	38
50	70	50	40	40	50	50	40	40	40	30	30	46
30	30	20	40	50	50	50	50	50	40	40	40	37
40	50	50	50	50	30	40	40	40	40	40	30	37
50	50	50	50	50	60	60	50	50	50	40	40	46
50	50	60	50	60	120	120	70	80	50	30	20	55
20	30	30	40	60	50	50	40	40	40	40	30	36
40	40	40	50	40	30	30	20	20	10	30	30	34
-10	10	10	0	-10	-20	-20	-10	-10	0	20	-10	-
10	0	20	20	30	30	20	20	30	40	30	30	11
60	80	70	70	90	100	70	80	100	130	130	100	63
40	30	20	20	0	0	0	-10	10	10	30	20	27
-20	-30	-40	-20	(-10)	-20	-10	(-10)	-50	-80	-70	-40	-
-80	-70	-20	10	-10	-60	-60	-10	30	40	30	20	-60
60	50	50	70	40	40	40	30	120	80	40	50	46
20	20	10	0	10	30	30	20	0	10	20	30	23
-40	-40	-20	-10	-30	-50	-40	20	-40	-40	-10	0	-10
30	80	120	80	70	130	100	120	80	120	130	30	56
40	50	40	-10	10	30	30	10	20	40	30	10	34
30	20	20	10	30	10	20	30	30	40	10	20	44
50	40	40	40	40	60	50	50	40	50	30	10	-

*Hourly means of the
1995*

Date	00	01	02	03	04	05	06	07	08	09	10	11
950101	20	20	-10	0	60	70	70	[70]	70	50	30	40
950102	40	30	30	30	30	30	40	-	-	40	40	40
950103	20	20	20	30	30	40	40	40	[40]	60	70	60
950104	40	40	40	40	40	30	40	[80]	100	90	80	70
950105	40	30	30	30	20	10	-40	[-40]	-60	-110	-60	-80
950106	40	30	10	30	30	60	30	30	[40]	40	30	10
950107	20	30	40	40	60	40	[40]	100	100	70	60	70
950108	20	10	20	0	20	10	10	[10]	20	30	30	20
950109	40	40	30	30	40	40	60	[60]	-	70	40	70
950110	50	20	-10	20	30	20	20	-10	[30]	30	0	20
950111	OBS	OBS	-10	0	60	30	30	30	[90]	80	80	150
950112	40	40	40	40	40	40	40	[60]	60	50	40	40
950113	-10	-110	-100	-S	-50	-S	-S	20	P[40]	30	20	20
950114	40	40	40	60	60	50	40	[30]	50	60	70	80
950115	60	70	70	60	70	60	60	70	[70]	70	80	80
950116	70	71	80	80	90	120	110	-	-	90	120	100
950117	-80	-70	-110	-110	-70	-90	-120	-90	[-90]	-80	-110	-10
950118	-60	-70	-50	-40	-40	-60	-50	-50	[-50]	-40	-50	(-70)
950119	-20	-20	-20	-10	0	10	30	40	[0]	OBS	+S	170
950120	40	-10	-20	-40	-50	-130	-70	-50	[-30]	-90	-70	-80
950121	0	0	0	0	-10	[-10]	-10	-10	10	20	30	30
950122	-10	-20	-20	-20	-10	-20	-20	[-10]	[-10]	-20	-20	-50
950123	-	-	-	-	-	-	-	-	[100]	70	70	50
950124	-60	0	-10	20	-10	0	-10	0	10	10	10	30
950125	40	40	30	30	30	40	30	40	-	70	60	70
950126	40	20	30	30	40	30	40	80	[70]	60	60	60
950127	-10	OBS	OBS	OBS	0	-10	20	30	[30]	40	40	40
950128	30	40	40	40	60	[60]	40	30	40	40	20	30
950129	40	30	+S	30	40	40	40	60	[60]	70	80	80
950130	40	40	30	10	30	30	40	-	-	40	40	70
950131	30	20	40	70	70	70	70	[80]	[90]	90	80	80

potential gradient

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	20	40	30	50	30	40	40	40	40	40	40	39
40	40	40	30	40	80	60	40	30	20	30	30	—
40	60	40	40	40	10	0	30	70	60	60	60	41
60	60	70	60	70	70	80	90	70	60	60	60	63
-90	-90	-80	-70	-40	-50	-10	10	10	-10	30	30	-25
30	20	-10	20	40	40	60	60	60	40	30	20	33
70	60	60	40	40	40	40	30	30	30	30	20	48
30	30	40	40	40	60	40	40	60	40	40	40	29
70	60	60	70	60	80	50	30	40	40	40	40	50
30	40	40	OBS	OBS	0	40	40	30	OBS	OBS	OBS	—
100	40	60	60	60	70	60	60	60	50	40	40	—
30	OBS	OBS	OBS	OBS	OBS	30	30	40	30	10	-40	—
60	50	40	40	60	50	50	50	40	30	30	30	—
80	90	90	90	100	90	110	100	100	80	70	60	70
90	80	70	80	130	100	80	60	40	50	70	80	73
100	120	70	30	-20	-10	-30	-50	-50	-30	-70	-90	—
10	20	-10	-40	-40	-110	-80	-80	-70	-80	-90	-70	-70
-60	-60	-80	-40	-60	-60	-60	-70	-70	-60	-60	-60	-57
120	120	100	70	60	50	40	50	40	40	50	40	—
-70	-60	-20	-10	-10	-20	-50	-10	-10	0	-10	-10	-39
50	50	50	50	60	50	70	80	50	20	-20	-40	22
-10	10	-10	-20	10	—	—	—	—	—	—	—	—
60	50	70	80	70	50	-10	-10	-10	10	-10	-20	—
40	50	40	50	50	50	40	60	50	50	50	40	23
80	90	80	80	70	90	70	80	70	60	40	40	58
60	60	60	60	40	20	-10	10	20	20	20	30	40
40	30	40	60	60	60	60	70	70	60	40	40	—
60	60	90	80	90	80	70	90	60	70	70	60	56
80	120	120	80	70	70	60	60	70	70	60	30	64
90	80	90	90	90	70	110	90	70	0	10	10	—
90	80	70	70	70	80	80	90	90	70	60	60	71

Date	00	01	02	03	04	05	06	07	08	09	10	11
950201	40	40	40	40	40	40	60	70	[80]	90	80	90
950202	70	70	70	60	60	70	60	70	[70]	90	100	100
950203	60	40	40	40	60	60	70	90	[100]	110	100	110
950204	40	60	40	60	60	[40]	60	40	40	80	70	80
950205	90	80	70	10	20	-S	20	[40]	120	120	80	OBS
950206	40	40	40	40	20	20	30	-	-	70	80	60
950207	60	60	40	40	40	40	40	40	[80]	80	80	100
950208	60	50	50	50	50	60	60	[60]	50	70	80	60
950209	20	20	30	40	40	50	60	60	[80]	70	70	70
950210	30	20	40	40	30	20	20	40	[30]	40	30	30
950211	-10	-20	20	40	50	[70]	70	70	70	80	80	90
950212	70	30	30	40	30	20	70	[60]	80	70	80	60
950213	10	20	10	10	10	20	20	-	[70]	50	40	40
950214	10	10	-10	0	0	0	-20	-10	[-10]	-30	-30	-40
950215	50	40	40	40	40	60	50	80	[60]	[40]	40	30
950216	30	30	40	40	40	50	70	50	[-10]	-70	-110	-50
950217	40	30	20	30	30	30	40	40	[40]	60	60	50
950218	OBS	OBS	[OBS]	OBS	-30	-30	30	-50	-60	-50	-70	-40
950219	50	40	40	40	40	30	40	[50]	50	40	50	40
950220	40	40	30	20	30	40	40	(40)	-	80	60	70
950221	50	40	40	40	40	40	50	60	[70]	70	70	60
950222	60	70	60	70	50	40	40	20	[20]	10	0	20
950223	10	10	10	10	20	20	20	30	[40]	30	40	40
950224	40	40	40	40	40	40	50	60	[50]	30	30	10
950225	60	70	50	40	50	[40]	40	70	50	50	40	30
950226	40	30	30	40	30	40	40	[40]	70	50	50	50
950227	-20	0	0	0	10	10	10	-	[40]	40	40	40
950228	40	40	30	30	30	30	40	40	-	60	50	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
100	100	90	90	100	90	80	90	100	100	90	70	75
100	110	90	90	80	80	30	10	30	30	10	30	66
100	100	100	100	80	90	40	40	40	40	40	30	70
70	80	70	70	60	70	80	90	90	80	70	70	65
OBS	+S	80	80	80	80	90	100	110	110	60	40	74
40	80	90	70	60	50	60	50	40	40	40	50	—
80	110	110	100	80	80	80	90	80	80	70	60	72
50	30	40	30	30	40	20	30	40	40	20	30	46
40	20	30	30	20	50	30	40	40	30	30	30	42
40	40	30	30	20	20	20	0	-10	0	-10	-20	22
80	90	90	90	90	80	80	80	40	40	60	60	62
80	90	80	80	80	70	80	90	70	40	40	20	61
40	50	50	50	40	40	40	30	40	20	20	20	32
-40	-30	-10	0	0	10	30	60	60	60	60	60	5
40	40	50	40	30	-50	-20	0	0	20	30	30	33
-70	-130	-70	-50	30	50	60	50	40	40	30	30	5
50	70	70	60	70	60	70	70	50	50	40	-10	47
20	40	30	30	40	50	60	60	50	60	50	60	13
50	60	50	50	60	110	90	60	80	70	50	40	53
50	60	80	80	70	40	70	80	80	60	70	60	—
80	80	90	80	70	80	80	70	80	70	70	60	64
40	30	30	30	30	20	30	30	20	30	20	20	33
40	30	-60	-10	40	OBS	OBS	OBS	40	+S	40	40	—
-30	-10	10	40	60	50	50	60	50	60	50	60	38
30	40	40	40	30	30	40	40	50	50	50	40	45
40	20	-40	OBS	30	-30	0	-10	-60	-30	0	-60	16
40	30	30	+S	30	40	50	60	70	60	50	40	30
50	60	60	60	70	80	90	90	90	80	90	90	59

Date	00	01	02	03	04	05	06	07	08	09	10	11
950301	80	70	70	80	80	80	90	80	[80]	80	80	70
950302	60	60	40	50	40	50	70	30	[10]	0	-70	-20
950303	30	30	40	40	30	30	50	[60]	[50]	30	40	40
950304	30	30	20	20	30	40	40	[70]	40	20	30	30
950305	10	10	10	20	20	40	50	[60]	70	70	70	80
950306	-10	0	30	30	30	30	50	(70)	(80)	100	90	100
950307	40	40	40	60	60	70	70	80	[80]	70	70	70
950308	30	30	30	30	40	40	70	70	[60]	40	40	70
950309	30	40	70	60	60	40	70	80	[70]	80	70	60
950310	30	30	10	10	10	10	20	30	[30]	40	40	70
950311	20	20	20	30	30	20	30	30	[40]	30	20	40
950312	20	20	20	0	0	-10	-20	20	[30]	60	60	70
950313	-20	-20	-10	10	10	10	10	[20]	-	30	30	40
950314	-10	-10	OBS	90	30	30	10	10	[10]	20	40	30
950315	20	0	10	10	0	0	10	20	[30]	40	40	30
950316	30	30	40	-	-	-	-	-	-	10	30	40
950317	20	60	140	140	160	140	140	150	[110]	90	40	40
950318	20	30	30	20	0	[20]	30	80	80	80	60	40
950319	10	10	0	0	0	0	0	[10]	20	30	60	60
950320	-	-	-	-	-	-	-	-	-	10	10	30
950321	30	30	40	40	30	30	40	40	(40)	OBS	0	20
950322	0	0	0	0	0	0	0	10	40	90	100	100
950323	30	30	30	20	30	30	20	10	[20]	10	10	30
950324	0	0	0	0	20	30	60	80	100	110	100	80
950325	10	0	0	0	0	0	0	20	100	130	130	70
950326	0	0	0	0	0	0	0	10	30	10	0	0
950327	0	0	0	0	0	0	(0)	10	50	70	110	170
950328	10	10	20	40	40	40	[50]	-	60	50	60	50
950329	40	20	20	20	20	20	[20]	[10]	40	50	50	70
950330	0	0	0	0	0	0	20	[50]	70	70	60	80
950331	0	-10	-10	-10	-10	-10	10	[40]	80	90	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	70	70	70	60	70	60	60	60	60	60	60	7
20	+S	80	-10	-60	-80	-S	0	20	30	30	30	-
40	60	40	30	40	40	40	60	60	40	40	40	42
30	20	-10	-20	-10	-30	0	-40	-10	-10	10	0	14
80	80	80	80	50	60	50	30	30	30	0	-10	45
90	70	70	80	80	70	80	70	70	70	60	40	-
70	60	70	70	40	60	60	60	60	60	40	40	60
70	80	80	80	70	80	60	60	10	30	40	40	52
70	70	60	70	60	60	40	40	60	60	40	40	58
70	70	70	70	70	80	80	70	40	30	20	20	43
40	30	30	30	20	10	20	40	30	30	40	30	28
80	80	80	70	60	60	70	60	40	10	-10	-10	36
30	30	(30)	30	30	0	-10	-20	-20	-30	-20	-30	45
40	30	40	70	60	40	40	20	20	30	30	30	30
30	20	20	20	20	10	20	20	30	20	30	30	20
10	OBS	40	60	70	90	90	120	110	30	30	30	-
40	30	40	40	40	40	60	60	60	40	0	-10	70
70	70	40	40	40	30	30	20	10	10	0	10	36
60	40	60	-	-	-	-	-	-	-	-	-	-
40	40	40	40	30	30	30	30	30	20	20	30	-
0	0	0	0	0	0	0	0	0	0	0	0	-
130	100	90	70	90	60	60	70	40	40	30	30	48
60	40	20	0	10	0	0	0	10	0	10	0	18
90	80	80	80	60	30	20	30	20	20	30	10	47
70	60	60	70	70	80	30	20	40	20	0	0	41
0	10	20	0	0	0	0	0	0	0	0	0	3
200	+S	OBS	-10	0	0	0	-10	-10	-10	0	0	-
50	60	50	50	50	50	50	50	40	40	40	40	43
-S	40	50	-30	20	20	20	0	0	0	-10	-10	21
80	(120)	(80)	60	80	80	40	10	0	0	0	0	-
20	60	OBS	10	0	20	40	50	40	40	40	20	27

Date	00	01	02	03	04	05	06	07	08	09	10	11
950401	0	0	0	0	0	0	0	0	0	0	0	0
950402	0	0	40	40	10	[40]	70	50	80	90	120	50
950403	50	50	40	40	40	50	—	[50]	40	20	10	10
950404	10	10	20	20	40	40	50	[60]	50	50	40	40
950405	0	0	0	0	0	0	20	[40]	40	40	40	50
950406	0	0	0	0	-10	-10	-10	[20]	60	70	70	60
950407	10	10	20	20	10	0	[10]	40	50	50	20	20
950408	-10	-10	-10	-10	-10	-10	-10	-10	10	20	20	40
950409	0	0	0	0	0	20	[40]	[50]	70	70	70	90
950410	20	0	0	-30	0	0	[0]	—	—	—	—	—
950411	—	—	—	—	—	—	—	—	—	—	—	—
950412	—	—	—	—	—	—	10	50	110	60	40	10
950413	50	50	40	40	20	-40	0	(40)	50	40	40	50
950414	0	30	30	30	30	40	40	[40]	50	50	50	50
950415	-130	90	30	10	0	0	[100]	10	40	10	30	30
950416	80	50	60	50	60	[90]	100	90	90	50	40	50
950417	30	40	50	40	50	50	[50]	60	50	50	50	50
950418	-40	-40	0	-40	0	50	[30]	—	50	40	50	50
950419	40	50	50	50	40	50	60	[50]	40	40	40	40
950420	-20	-20	-20	-10	0	20	[40]	40	50	50	50	40
950421	30	40	40	30	30	40	40	[30]	30	30	20	40
950422	30	30	30	20	[20]	30	40	40	40	40	40	40
950423	20	10	10	10	10	30	[30]	40	30	40	50	50
950424	10	10	10	10	10	20	30	(40)	[40]	40	(20)	—
950425	0	0	-10	-10	-20	-60	OBS	OBS	10	10	-10	OBS
950426	-20	0	20	20	20	20	30	[10]	-80	-140	-50	-130
950427	30	0	0	10	0	0	20	[30]	10	10	10	0
950428	10	20	10	20	30	40	40	[40]	40	-S	OBS	30
950429	30	30	30	30	30	30	[70]	60	60	60	70	60
950430	40	40	40	30	-10	20	[80]	30	40	40	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
0	0	0	20	40	10	0	0	0	0	-10	0	3
90	130	120	110	90	70	60	70	60	60	60	50	65
10	10	10	20	20	40	40	40	20	10	10	10	28
40	40	50	20	50	50	60	60	50	50	40	10	40
50	50	40	40	20	10	0	0	0	0	0	0	18
50	40	10	10	0	-10	-10	-10	0	0	0	0	14
20	40	40	50	40	10	10	20	10	0	0	0	21
10	-S	OBS	OBS	OBS	+S	0	0	0	0	0	0	-
70	OBS	+S	+S	OBS	40	10	10	20	50	20	10	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
20	20	20	40	40	+S	40	40	40	50	40	50	-
40	50	60	40	OBS	40	40	40	40	+S	10	10	-
40	40	+S	OBS	OBS	OBS	OBS	-10	10	10	-40	-30	
10	30	30	40	30	40	40	50	60	80	90	110	35
60	80	50	50	50	50	50	50	50	50	40	30	59
50	50	50	50	50	60	50	80	90	50	40	10	50
60	40	40	40	40	40	60	50	60	50	40	50	33
40	30	40	30	30	30	20	30	40	30	-10	-10	35
40	50	60	60	60	50	50	50	40	40	40	30	33
40	40	40	40	50	40	40	40	40	40	40	30	37
50	50	50	40	40	20	20	20	20	10	20	30	32
40	30	30	10	0	-20	-20	-10	-10	-10	-10	-10	15
(20)	20	30	20	-10	-*50	-60	OBS	-S	10	10	10	-
30	40	20	30	40	40	30	30	30	30	20	10	-
-230	-210	-30	-20	-20	-50	-10	-50	-60	0	-10	-10	-42
10	30	40	40	40	30	40	30	30	30	20	10	20
0	OBS	+S	30	OBS	10	40	40	40	40	40	40	-
60	60	50	50	50	40	40	40	40	40	40	40	46
80	70	30	40	40	20	20	30	40	40	30	30	39

Date	00	01	02	03	04	05	06	07	08	09	10	11
950501	30	40	30	20	30	30	20	[30]	30	30	50	60
950502	10	0	-10	-20	10	(20)	-	(40)	60	50	50	40
950503	30	30	30	20	30	50	40	[50]	50	60	70	80
950504	-	-	-	-	-	-	-	-	-	-	-	-
950505	10	10	0	10	10	[20]	30	50	60	40	50	60
950506	20	20	20	10	[10]	20	30	40	40	60	70	70
950507	10	10	10	10	10	20	[20]	30	40	50	50	50
950508	10	10	20	20	20	20	(30)	-	(30)	20	20	30
950509	-60	10	20	20	10	10	10	[+S]	+S	20	-10	+S
950510	20	20	20	20	10	20	30	[30]	30	30	230	30
950511	10	10	10	10	20	20	[20]	20	20	20	10	10
950512	10	20	20	10	10	20	20	[20]	10	30	10	-10
950513	20	20	-20	-20	0	-10	[OBS]	30	30	30	10	20
950514	0	20	20	30	20	10	[10]	[30]	20	10	0	0
950515	20	10	10	20	20	30	[30]	-	40	40	40	40
950516	0	0	0	0	10	20	20	[30]	30	40	40	40
950517	0	-10	-10	-10	-10	-20	[-10]	[-40]	-50	-40	-10	-20
950518	20	0	10	30	40	40	40	[40]	40	70	70	70
950519	30	-S	-60	-10	-40	-80	[0]	[40]	30	30	30	20
950520	30	30	20	20	[20]	30	20	10	30	40	40	30
950521	-30	-50	-10	-10	[0]	10	30	40	30	30	30	40
950522	30	30	30	30	30	30	(30)	-	50	50	60	60
950523	10	10	20	20	30	40	50	[60]	70	70	70	70
950524	20	20	20	20	10	30	40	[40]	50	80	70	70
950525	20	20	20	10	10	30	40	[40]	60	70	80	80
950526	10	20	20	20	30	30	30	[30]	40	50	50	50
950527	20	20	10	10	20	[20]	20	10	30	40	40	30
950528	10	10	10	10	0	[10]	20	20	30	40	50	60
950529	10	10	10	0	10	30	30	-	30	50	60	50
950530	0	0	0	10	10	30	30	[40]	40	60	+S	+S
950531	OBS	OBS	30	40	20	50	80	[110]	130	80	80	80

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	60	60	50	30	40	30	20	20	10	10	0	33
40	40	40	40	50	40	60	80	80	70	40	40	—
80	80	40	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	50	30	20	20	20	10	20	—
60	60	60	60	50	50	60	50	40	40	40	30	40
80	+S	OBS	OBS	+S	40	20	0	20	10	10	10	—
60	+S	OBS	OBS	30	30	40	30	30	30	20	10	—
40	—S	OBS	+S	OBS	OBS	—S	—10	10	20	0	—30	—
60	10	20	20	0	10	30	30	20	30	20	20	—
20	10	10	10	20	10	10	0	10	10	10	10	18
20	20	30	30	20	30	30	40	30	30	20	10	18
—10	10	20	20	30	30	20	10	+S	+S	—90	20	—
20	10	20	20	—10	—60	OBS	—40	—60	—30	—10	10	—1
10	20	30	30	30	30	30	40	40	30	30	20	21
40	40	40	30	30	30	30	20	20	10	10	0	26
30	30	40	40	30	30	20	10	10	10	0	10	20
30	40	30	40	(40)	40	40	40	40	30	20	7	
60	40	60	60	40	40	40	40	30	30	30	30	40
10	10	30	30	30	40	40	30	30	20	10	20	13
40	60	60	60	60	70	30	—10	—40	—80	—130	—60	16
40	40	40	40	40	30	30	30	30	40	30	30	22
60	50	60	60	50	40	40	60	40	40	40	20	—
70	80	80	70	60	50	50	40	20	20	20	20	46
70	70	80	80	50	40	50	40	40	40	20	20	45
80	70	70	60	40	30	30	30	20	20	20	10	40
50	50	50	50	40	40	30	30	20	10	10	10	32
40	50	40	60	40	30	20	20	10	10	10	10	25
60	60	70	60	50	40	30	30	20	20	20	10	31
50	70	50	40	40	40	30	30	20	20	10	10	30
OBS	OBS	+S	80	30	30	+S	OBS	OBS	OBS	30	+S	—
70	70	—S	OBS	OBS	OBS	OBS	OBS	—10	10	0	20	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
950601	30	30	30	30	40	40	20	[40]	80	30	20	30
950602	40	30	30	40	70	50	70	[60]	(60)	50	60	60
950603	40	30	20	30	40	40	[40]	50	50	50	50	60
950604	10	10	10	10	20	30	[30]	[30]	40	50	50	40
950605	50	40	30	50	40	80	80	[70]	[80]	50	40	40
950606	60	50	40	+S	+S	(50)	30	-	OBS	OBS	90	140
950607	10	10	OBS	OBS	40	20	10	[60]	60	50	90	50
950608	20	20	20	20	20	40	40	[40]	60	80	90	90
950609	10	10	20	10	40	60	40	[40]	40	50	50	50
950610	-10	-10	10	40	[50]	60	70	80	70	90	80	80
950611	40	50	40	OBS	40	40	[20]	10	OBS	OBS	OBS	OBS
950612	20	20	40	20	40	20	(40)	-	40	40	40	40
950613	10	10	20	20	20	[40]	40	40	40	50	60	50
950614	0	0	10	10	40	[50]	71	70	60	-S	OBS	50
950615	OBS	OBS	OBS	20	40	[50]	40	50	50	60	50	50
950616	20	10	20	20	40	[40]	40	40	40	40	40	10
950617	20	20	20	40	40	[40]	80	90	80	90	70	-10
950618	40	10	10	20	40	40	50	[70]	60	50	50	60
950619	40	20	20	20	20	40	(40)	(40)	40	60	60	60
950620	10	0	0	10	10	20	20	[10]	30	40	40	50
950621	10	20	20	10	20	30	20	[30]	30	60	70	80
950622	10	0	OBS	OBS	OBS	-	-	60	80	90	50	OBS
950623	40	40	30	20	20	20	30	[40]	50	40	40	40
950624	50	40	40	40	40	40	[40]	40	30	10	20	20
950625	0	0	-10	10	0	[10]	[10]	10	30	30	20	0
950626	0	10	20	10	0	50	(70)	-	60	70	30	OBS
950627	20	0	10	20	40	60	70	[40]	30	-	-	40
950628	30	30	20	20	10	10	20	[30]	40	70	60	60
950629	20	20	10	10	20	30	[30]	30	40	60	60	70
950630	10	0	0	0	10	30	[10]	[20]	30	70	70	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
20	20	20	30	30	30	30	40	50	40	40	40	34
70	40	20	10	10	30	40	50	40	40	40	50	43
60	60	60	60	60	30	20	20	20	20	30	20	40
30	OBS	OBS	OBS	OBS	OBS	+S	-130	-60	20	40	50	-
30	30	10	-80	OBS	-110	OBS	OBS	30	60	50	60	-
80	70	70	50	50	40	20	OBS	OBS	OBS	OBS	-20	-
50	50	20	20	10	20	20	20	40	40	40	20	-
90	80	80	90	80	60	50	50	40	20	20	40	52
50	60	50	20	OBS	60	0	0	10	20	10	-20	30
70	70	70	70	50	60	50	50	40	40	40	50	53
OBS	OBS	40	20	40	50	40	20	40	40	20	20	-
10	20	40	20	20	50	40	20	20	20	10	10	-
50	OBS	OBS	-50	OBS	+S	10	0	-10	-10	-10	0	-
-S	OBS	OBS	OBS	20	40	50	40	20	10	20	10	-
50	50	60	80	60	40	40	40	20	20	20	20	-
50	OBS	OBS	50	80	40	40	40	20	20	10	20	-
80	OBS	OBS	40	60	50	50	50	50	50	50	40	-
50	50	50	60	60	50	40	40	50	50	40	40	45
50	50	60	70	60	40	30	20	10	10	10	10	-
50	50	60	60	50	30	30	30	30	10	10	10	28
80	80	50	+S	OBS	OBS	OBS	OBS	OBS	20	20	30	-
30	30	30	20	20	40	30	20	30	40	30	40	-
40	40	40	40	50	60	70	50	60	40	40	40	41
40	40	40	20	30	30	20	10	30	20	20	20	30
40	20	OBS	-10	10	OBS	OBS	10	OBS	20	10	20	-
OBS	30	20	OBS	20	20	10	10	10	OBS	OBS	20	-
40	40	30	30	30	40	40	40	40	30	30	20	-
40	40	40	40	60	60	90	90	80	70	40	30	45
70	80	80	90	80	60	30	30	20	10	0	10	40
70	80	80	80	70	70	40	10	10	10	10	10	36

Date	00	01	02	03	04	05	06	07	08	09	10	11
950701	-10	-10	-10	-10	10	30	30	[30]	40	70	80	80
950702	-10	-10	-20	-10	10	20	[30]	30	+S	-20	30	30
950703	0	0	10	0	-10	20	(30)	-	30	40	70	70
950704	30	OBS	10	20	30	30	[30]	[30]	30	-10	20	40
950705	20	20	20	20	30	30	[30]	40	40	30	40	60
950706	30	30	20	20	10	0	20	[20]	30	40	40	60
950707	20	10	10	10	20	30	30	[40]	60	70	70	80
950708	10	0	0	0	10	30	40	[40]	60	80	80	80
950709	0	0	-10	-10	0	10	20	[30]	40	70	80	80
950710	10	10	10	10	10	30	-	40	50	70	70	60
950711	0	10	0	10	10	10	[20]	20	20	50	50	50
950712	10	20	10	20	40	40	[50]	60	60	80	80	90
950713	0	0	0	0	0	[20]	40	40	50	70	60	60
950714	0	10	0	10	10	20	10	[20]	40	60	70	140
950715	10	20	10	10	10	20	[20]	20	20	40	OBS	20
950716	10	10	0	10	10	20	20	[20]	40	60	70	70
950717	20	20	20	10	20	20	20	-	70	70	70	80
950718	0	-10	0	0	0	20	20	[30]	30	40	40	60
950719	20	10	10	10	20	30	10	[20]	30	30	20	30
950720	10	0	-10	0	10	20	30	[40]	40	60	60	70
950721	0	0	10	10	10	30	30	[30]	30	60	70	60
950722	30	20	20	20	10	10	[10]	10	30	40	40	60
950723	20	30	30	30	20	20	[20]	20	30	30	40	30
950724	30	30	20	20	20	30	-	-	-	-	60	50
950725	20	10	10	10	10	20	30	[40]	50	60	60	70
950726	10	10	10	10	20	30	40	[30]	30	30	40	50
950727	10	0	0	0	10	10	10	[10]	10	30	20	20
950728	10	10	10	-20	0	20	[10]	-S	40	40	40	40
950729	20	20	20	30	30	30	[30]	0	OBS	OBS	20	30
950730	0	10	10	10	[10]	30	40	40	40	50	40	60
950731	10	10	10	20	20	30	-	-	60	80	90	90

12	13	14	15	16	17	18	19	20	21	22	23	Means
80	90	70	60	30	30	30	20	0	0	0	-10	30
30	40	70	70	OBS	OBS	-S	OBS	+S	10	10	20	-
80	40	30	40	40	40	20	20	20	20	10	20	-
60	+S	60	70	60	40	30	30	40	60	40	30	35
70	70	70	60	60	30	20	10	10	10	10	10	34
60	60	60	60	60	60	60	60	40	30	30	20	38
90	90	90	90	80	70	40	40	30	20	20	10	47
90	90	100	90	70	40	40	30	10	10	10	10	43
80	80	90	80	60	40	30	30	20	20	10	10	36
80	80	80	90	50	40	20	20	10	10	0	0	37
50	60	60	70	50	50	40	20	20	10	10	10	29
80	80	70	60	20	10	0	0	0	0	0	0	37
50	40	40	50	50	40	20	10	10	0	0	-10	27
OBS	OBS	OBS	OBS	-10	20	20	10	10	10	0	0	-
50	40	40	40	40	40	20	20	20	10	10	10	23
80	90	90	70	50	40	20	40	20	20	10	10	37
80	80	70	70	40	30	20	20	10	10	10	10	38
70	70	80	80	60	40	30	30	20	30	30	10	33
30	30	30	30	20	30	20	20	30	20	20	10	22
80	90	90	90	80	70	30	20	10	10	10	0	38
70	80	70	80	40	40	60	30	20	20	20	30	38
70	70	70	70	40	40	40	40	40	40	40	30	37
20	30	30	30	30	30	40	40	40	30	40	30	30
60	60	60	60	60	50	60	60	50	30	20	20	-
70	80	80	90	70	70	50	40	40	20	10	10	43
50	60	60	60	40	30	20	10	10	0	0	0	27
20	30	40	40	30	30	20	10	10	10	10	10	16
50	OBS	OBS	20	40	40	40	40	30	20	20	20	-
40	20	30	30	20	10	0	0	10	10	10	10	-
60	70	70	80	60	40	30	20	10	10	10	20	34
80	90	110	110	70	50	50	40	40	40	20	10	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
950801	10	10	20	40	40	50	[50]	[40]	50	70	80	80
950802	10	40	20	20	10	20	[50]	10	10	40	50	50
950803	40	20	10	20	40	[40]	40	40	50	60	60	50
950804	20	10	0	10	10	20	40	[20]	40	70	70	OBS
950805	-10	-10	0	0	0	20	40	[20]	50	60	60	70
950806	10	10	10	10	20	40	50	[50]	60	70	70	70
950807	20	20	40	20	20	40	-	-	40	70	70	OBS
950808	0	0	0	0	-10	-20	10	[60]	40	40	40	70
950809	40	30	30	20	30	30	[30]	20	90	60	40	70
950810	10	20	20	20	20	60	90	[90]	80	70	80	80
950811	20	20	20	10	10	30	30	[40]	80	90	90	90
950812	20	20	20	20	20	30	[40]	60	70	80	100	110
950813	10	10	0	10	10	0	[20]	30	20	30	40	40
950814	10	10	10	10	10	20	-	-	30	40	70	60
950815	10	10	0	0	10	10	10	[30]	30	20	20	10
950816	20	20	30	30	40	40	[40]	70	40	60	40	60
950817	10	10	0	10	0	[10]	-	-	-	-	70	70
950818	20	20	10	10	10	[10]	30	30	30	30	40	40
950819	10	20	20	10	10	10	20	OBS	80	40	120	90
950820	OBS	OBS	20	+S	30	40	30	[40]	110	90	40	30
950821	10	20	20	20	30	40	-	-	30	30	30	30
950822	20	20	10	10	10	30	70	[40]	50	60	70	60
950823	20	10	10	30	80	60	60	[40]	30	30	40	40
950824	10	20	20	30	10	40	50	[50]	50	40	50	50
950825	10	10	10	10	10	30	20	[20]	30	40	50	60
950826	20	20	20	20	20	[30]	20	20	30	30	10	10
950827	10	10	0	10	10	[20]	30	20	20	10	20	10
950828	10	-S	10	OBS	OBS	OBS	-	OBS	+S	OBS	OBS	OBS
950829	30	20	20	10	20	30	[30]	-	-40	OBS	OBS	OBS
950830	10	10	10	20	20	30	[30]	20	0	10	0	-10
950831	10	10	10	10	10	20	20	[20]	20	20	40	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
90	90	110	90	80	70	50	60	-S	OBS	0	0	-
60	50	50	60	50	50	50	40	20	20	20	20	34
50	60	70	50	60	40	10	20	10	20	20	10	37
90	-S	OBS	20	40	60	50	20	0	-10	-10	0	-
80	80	80	40	50	50	50	40	20	40	20	20	36
80	90	90	90	60	50	40	40	20	10	20	40	46
OBS	OBS	OBS	OBS	OBS	+S	0	0	0	0	-10	-10	-
+S	OBS	OBS	OBS	OBS	10	10	0	20	20	30	40	-
40	30	10	20	10	10	10	0	-10	0	30	30	28
70	70	70	80	80	70	30	20	20	20	30	30	51
90	90	100	100	90	70	60	60	40	30	20	20	54
120	110	120	110	80	60	40	30	-10	10	10	10	54
40	40	60	60	30	30	30	30	30	30	20	10	26
70	70	70	30	20	20	10	20	10	10	10	20	-
OBS	30	30	40	30	30	30	30	30	30	30	30	22
60	30	30	30	10	10	10	10	10	10	10	10	30
70	70	70	70	60	60	40	30	30	20	20	10	-
40	40	40	70	40	20	20	20	30	30	30	10	28
60	40	40	OBS	OBS	-10	10	OBS	OBS	90	OBS	OBS	-
30	40	40	40	40	40	30	30	10	10	10	10	-
30	30	40	40	40	30	20	30	20	20	20	20	-
70	80	70	-40	40	40	30	30	20	20	10	20	35
40	40	40	30	40	40	30	20	20	20	20	10	33
60	60	50	30	40	30	10	10	10	10	20	20	32
70	70	60	30	30	20	30	30	20	30	20	31	
20	10	10	10	20	40	20	20	30	10	10	10	19
10	10	20	20	10	10	10	0	0	0	10	10	12
OBS	OBS	OBS	30	40	40	40	40	40	30	30	30	-
OBS	-10	-10	-S	30	30	20	30	30	20	20	20	-
-10	50	30	30	30	30	30	30	30	20	20	20	19
30	30	30	20	30	20	10	10	10	30	20	20	20

Date	00	01	02	03	04	05	06	07	08	09	10	11
951001	—	—	—	—	—	—	—	—	—	—	—	—
951002	—	—	—	—	—	—	—	—	—	—	—	—
951003	50	50	90	120	90	50	70	40	[30]	30	10	10
951004	110	110	130	130	170	110	90	40	[10]	30	30	10
951005	40	40	40	50	40	30	10	0	0	0	30	40
951006	80	50	30	40	40	30	40	—	[50]	60	50	50
951007	50	50	100	110	90	[40]	50	50	50	60	50	40
951008	30	—10	30	30	10	10	30	40	[40]	40	50	50
951009	40	40	40	40	50	40	50	—	—	70	70	80
951010	40	40	60	70	80	100	60	40	[40]	30	30	60
951011	60	60	40	70	110	110	90	—	—	40	60	40
951012	20	30	30	20	30	60	40	30	[10]	30	40	40
951013	20	10	10	10	10	20	20	20	[20]	20	30	30
951014	20	20	10	10	20	20	[30]	30	20	20	20	30
951015	20	10	10	10	10	20	20	[20]	20	20	20	30
951016	30	30	30	30	30	30	[30]	—	—	[30]	40	40
951017	30	30	20	20	30	30	20	30	[20]	20	40	30
951018	10	10	10	20	30	30	40	40	[40]	30	50	60
951019	20	20	10	10	10	0	20	40	[40]	30	40	30
951020	20	20	20	20	20	30	30	[40]	40	40	40	40
951021	10	0	0	10	10	10	20	20	10	20	30	40
951022	10	20	20	20	30	30	[30]	40	40	40	40	40
951023	—20	—10	10	0	—10	—	—20	—10	20	30	40	50
951024	—20	—20	—20	—30	—30	—30	—20	—10	—	20	40	40
951025	10	10	0	—10	—10	20	0	—40	[0]	—10	20	40
951026	40	40	40	30	30	30	30	40	[40]	40	50	60
951027	20	30	30	40	50	60	80	80	[70]	20	10	20
951028	60	60	50	30	40	[40]	40	30	20	20	20	20
951029	30	30	30	20	20	30	[40]	40	50	10	10	10
951030	40	40	30	30	30	20	—	20	[10]	[30]	30	30
951031	10	10	10	10	10	10	0	0	[10]	10	20	30

12	13	14	15	16	17	18	19	20	21	22	23	Means
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	70	40	40	30	30	30	30	10	10	—
—	30	40	50	50	50	50	60	60	90	80	60	55
-40	—	—	—	—	—	—	—	—	-30	30	40	—
50	50	-20	30	30	40	40	10	10	40	50	50	29
50	60	60	80	80	80	90	90	100	80	50	50	60
50	50	60	50	50	50	50	60	50	40	40	30	55
40	50	50	60	50	50	60	50	40	50	50	40	39
80	80	70	40	60	70	60	40	40	40	40	40	—
60	70	70	70	70	70	80	70	70	70	40	60	60
40	70	60	60	60	30	30	30	20	20	20	20	—
60	60	40	60	60	30	20	30	30	30	30	20	35
40	40	40	40	40	20	30	40	30	30	20	20	25
30	30	40	30	20	20	30	30	30	20	10	10	23
30	30	30	30	30	40	60	40	40	40	30	40	27
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30	30	30	30	30	20	30	20	20	10	10	10	25
50	60	50	50	40	60	50	40	40	30	30	30	38
30	20	30	30	40	40	40	30	20	20	30	20	26
40	40	50	50	50	60	60	40	30	30	40	20	36
30	30	40	40	50	60	60	70	60	40	30	20	30
40	30	20	20	20	20	10	10	10	10	0	-10	23
50	50	50	50	50	60	40	40	30	30	20	10	24
40	50	40	50	50	40	30	30	20	10	10	10	13
40	60	60	60	50	50	60	70	60	60	60	40	29
60	70	70	60	60	70	70	60	50	40	30	30	48
40	50	40	40	30	10	20	20	30	60	70	70	41
20	20	10	40	60	60	50	30	40	30	30	20	35
20	20	20	10	20	20	30	40	70	60	80	50	32
30	40	30	10	10	10	20	20	10	10	0	0	22
40	40	40	30	20	20	20	30	30	20	20	10	19

Date	00	01	02	03	04	05	06	07	08	09	10	11
951101	10	0	0	10	10	10	20	[30]	30	30	40	40
951102	-S	-10	0	10	30	30	40	[40]	-	20	20	30
951103	30	30	20	20	10	[0]	40	40	30	OBS	30	30
951104	OBS	-S	20	20	20	20	[30]	+S	+S	OBS	+S	10
951105	20	30	20	20	10	20	20	[-10]	40	60	30	90
951106	-20	0	10	10	20	30	40	[60]	-	20	-80	-70
951107	30	30	20	20	20	30	20	30	[-10]	10	20	20
951108	40	40	40	40	40	50	70	[60]	[60]	70	40	50
951109	50	40	40	40	40	40	30	40	[30]	10	-20	-50
951110	90	90	90	90	100	100	110	[110]	90	70	40	40
951111	0	0	0	10	0	0	30	[20]	10	0	0	0
951112	20	10	0	10	10	0	-20	[20]	30	10	0	10
951113	20	10	10	10	-30	-30	[-20]	-	-	-	-10	-10
951114	20	20	10	10	30	40	30	20	[20]	10	20	40
951115	70	60	40	50	30	40	50	[50]	[40]	40	20	20
951116	-10	-10	-10	-10	-10	-10	-10	[10]	[60]	50	40	30
951117	50	30	30	OBS	+S	OBS	0	OBS	30	10	-10	-30
951118	10	30	50	50	50	60	70	70	[70]	70	70	50
951119	40	30	20	10	20	30	20	[20]	20	20	30	30
951120	(20)	0	10	30	30	+S	30	-	-	40	30	30
951121	40	40	40	40	60	50	50	70	[70]	80	60	50
951122	30	30	30	30	30	30	30	20	[20]	20	40	40
951123	20	40	40	50	70	60	50	70	[70]	30	20	-20
951124	0	0	10	10	10	-20	-10	-10	[-10]	0	-10	-10
951125	-50	-60	-50	-50	-50	-40	-50	-50	[-60]	-60	-60	-50
951126	-30	-40	-50	-60	-50	-20	10	10	[-20]	-40	-20	-10
951127	-60	-70	-30	20	40	60	-	[70]	[-20]	-30	-20	-10
951128	30	60	60	40	50	70	80	70	[50]	40	20	20
951129	-50	-170	-10	0	10	20	40	40	[40]	40	40	30
951130	-50	-30	-80	-60	-10	-10	10	-	[10]	10	10	-20

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	40	30	+S	30	-10	10	10	20	20	20	20	20
20	40	40	60	40	60	60	60	30	40	40	30	-
30	30	30	20	OBS	OBS	30	OBS	OBS	OBS	-S	OBS	-
20	40	110	110	80	150	100	20	30	20	20	10	-
OBS	+S	OBS	40	30	30	20	10	10	-10	-40	-10	-
10	10	20	10	20	30	-40	+S	-20	30	30	20	6
30	30	30	20	10	30	40	40	40	50	50	40	27
60	40	60	70	80	80	90	110	110	70	60	40	61
-10	30	40	40	50	60	40	80	80	40	60	170	40
40	40	30	20	20	30	20	10	10	0	0	0	52
-10	-10	-20	10	10	10	10	10	10	10	0	10	5
10	30	20	20	20	10	30	40	30	20	20	10	15
-10	10	10	10	10	0	10	20	0	10	30	30	-
20	30	40	40	30	10	20	40	40	40	30	40	27
40	30	10	0	10	0	0	0	0	0	0	-10	25
10	20	30	40	50	60	90	100	90	70	50	60	33
OBS	+S	-20	0	30	OBS	OBS	OBS	60	50	30	-S	-
50	50	50	60	50	60	50	40	40	30	20	30	49
40	40	40	30	40	20	20	30	30	20	20	10	26
20	30	30	40	40	40	50	60	40	40	40	40	-
40	50	60	40	80	70	70	50	30	20	10	20	50
40	40	40	40	30	30	40	20	20	10	-10	20	28
0	10	30	0	30	30	20	20	10	-10	-10	-20	25
-10	-10	0	10	10	-30	-40	-40	-40	-50	-50	-40	-14
-50	-50	-60	-60	-60	-40	-20	-20	-20	-20	-20	-40	-45
-40	-30	-30	0	20	30	20	-10	-10	-30	-70	-90	-23
20	30	40	30	50	70	70	70	80	-10	30	30	20
10	30	10	-10	-50	-80	10	-30	0	-20	-20	-20	18
40	40	40	40	40	50	30	30	10	10	10	0	15
-20	-40	-30	-10	20	50	60	60	70	70	50	30	4

Date	00	01	02	03	04	05	06	07	08	09	10	11
951201	-10	-10	30	10	10	20	40	[40]	30	30	50	30
951202	0	0	10	20	30	10	30	-10	[0]	0	20	20
951203	30	20	30	30	40	40	40	30	[30]	30	30	30
951204	10	-10	0	10	-10	-30	-30	0	-	10	20	30
951205	10	-30	-40	-40	-30	-50	-10	-20	[10]	0	10	10
951206	-20	-20	-10	-10	10	40	40	40	[80]	90	70	70
951207	30	10	30	40	30	30	-10	0	[0]	-20	-20	-40
951208	-20	-20	-30	-30	-30	-20	-10	0	[-10]	-20	0	-60
951209	-10	-30	0	-30	-30	[10]	[-40]	-40	-30	-20	-30	-10
951210	0	30	20	10	30	40	40	[20]	[0]	10	10	20
951211	20	10	30	40	40	50	30	[40]	-	30	20	30
951212	20	40	30	20	20	20	20	30	[80]	100	40	40
951213	10	90	+S	-80	80	60	30	10	[20]	[10]	20	20
951214	+S	-10	-100	+S	-110	-60	-70	-20	0	[0]	0	-40
951215	10	20	20	30	10	-10	-30	-20	[30]	-30	-20	-30
951216	-30	-30	-30	-30	-30	-20	-20	[10]	20	30	20	30
951217	-10	-10	0	20	0	-10	10	10	[0]	-10	-30	-30
951218	0	70	80	80	90	30	70	80	[60]	-	30	70
951219	130	80	100	70	50	50	70	70	[80]	70	70	90
951220	40	20	30	40	40	40	40	40	[70]	40	50	40
951221	10	-10	-40	-50	0	30	60	80	[80]	90	90	110
951222	-160	-130	-90	-110	-80	-80	-70	-40	[-20]	-20	10	10
951223	100	130	80	160	110	110	[140]	70	-20	-60	10	50
951224	40	40	40	30	30	30	30	[30]	-	-20	20	60
951225	80	90	80	60	60	40	60	[50]	[30]	30	30	20
951226	190	200	+S	30	20	20	20	[20]	[20]	10	30	50
951227	-10	0	10	10	20	20	30	30	[50]	70	60	70
951228	40	40	50	50	60	60	70	80	80	[80]	80	100
951229	50	50	50	50	70	60	70	60	[70]	130	100	90
951230	70	60	50	40	20	20	10	[10]	0	-10	-10	-20
951231	-50	-40	-40	-50	-50	-40	-30	[-50]	[-70]	-60	-60	-20

12	13	14	15	16	17	18	19	20	21	22	23	Means
10	30	80	80	80	50	70	70	30	10	10	-10	33
10	20	30	0	20	30	10	30	50	30	30	30	18
40	40	50	60	70	70	60	40	20	30	-S	OBS	-
40	40	30	60	80	40	40	70	60	60	20	20	24
60	70	80	30	70	30	-20	-40	-40	-50	-30	-40	-3
140	-S	+S	OBS	+S	30	20	10	10	30	10	10	-
-20	-10	10	20	0	-30	-50	-50	-40	-50	-40	-10	-8
-40	-50	-50	-60	-30	-20	0	-50	-20	-30	-40	-10	-27
20	20	10	30	-10	10	-10	-10	-20	-40	-30	-10	-13
30	30	40	40	30	40	50	30	20	20	30	40	26
20	40	20	-30	-120	10	30	70	30	20	20	20	20
60	70	100	100	30	-10	0	30	80	70	70	40	46
30	10	30	90	80	10	60	-30	-30	-40	-20	+S	21
-10	-40	-20	-30	-40	-40	-30	-30	-20	-20	-10	0	-
-10	-20	-40	-40	-30	-30	-20	-20	-60	-30	-30	-30	-18
10	10	10	-10	-10	10	-30	-20	-10	-10	-10	-10	-6
-10	0	-10	-10	-20	-30	-70	-60	-10	-30	-30	-40	-16
70	60	40	70	50	30	30	40	60	80	70	90	59
130	110	80	80	70	90	130	80	40	60	40	40	78
20	-10	0	10	30	20	10	40	140	70	40	20	37
140	140	140	140	110	80	80	10	-20	20	-80	-250	40
30	40	30	-20	-50	-20	20	80	20	-40	30	60	-25
20	30	50	30	-10	-10	20	40	100	80	70	60	57
70	110	100	100	100	100	130	140	100	100	80	100	67
60	80	130	140	180	80	70	19	+S	+S	+S	+S	-
70	90	90	50	80	140	+S	+S	-170	-90	-10	10	-
60	60	70	70	60	40	60	60	40	40	40	20	41
90	90	100	100	100	110	130	140	150	140	80	70	87
90	90	90	80	110	140	100	90	100	100	50	40	80
-20	-30	-40	-50	-60	-50	-60	-40	-50	-60	-80	-60	-15
-30	-20	20	10	10	-200	-170	50	130	100	80	90	-20

Date	00	01	02	03	04	05	06	07	08	09	10	11
960101	80	60	70	0	-30	-60	-50	-50	[-50]	[-70]	30	70
960102	10	20	30	30	70	70	30	10	-	20	30	30
960103	-60	-40	-30	-40	-10	10	0	20	[30]	20	20	30
960104	20	10	20	30	30	50	60	50	[50]	60	60	70
960105	60	60	60	40	50	70	80	70	[30]	30	40	60
960106	-40	-40	-180	-120	-80	-80	-90	-80	-80	[-60]	-60	-40
960107	-100	-70	-80	-80	-90	-100	-110	[-80]	[-70]	-90	-40	-60
960108	70	60	40	-60	10	20	-20	-	-	[-90]	-110	-130
960109	-90	-70	-110	-130	-90	-10	20	30	[0]	-10	-10	-10
960110	100	80	30	30	90	80	10	-30	[-20]	30	30	-10
960111	-10	-10	-20	-40	10	-20	80	[110]	[150]	90	90	70
960112	-10	10	10	10	20	0	-10	[20]	[40]	30	20	40
960113	30	20	30	70	40	40	40	30	[20]	30	40	70
960114	30	40	70	30	60	70	80	[130]	130	130	90	70
960115	10	0	0	0	-10	-20	-20	[30]	-	40	40	60
960116	100	110	120	40	30	100	80	60	[70]	80	60	60
960117	90	90	60	30	80	90	100	[40]	80	90	80	30
960118	30	90	100	40	30	60	40	[70]	[40]	40	40	40
960119	40	40	60	40	30	30	40	[40]	[40]	40	60	60
960120	60	80	40	20	40	90	[70]	70	60	60	70	40
960121	10	10	10	30	20	20	30	[60]	40	40	40	40
960122	140	130	40	70	100	80	70	[70]	-	30	0	-10
960123	-10	10	20	30	-10	-40	-40	[-30]	[-30]	-40	-40	-40
960124	-30	-30	-30	-30	-20	-20	0	[0]	[30]	90	160	10
960125	-S	+S	+S	+S	20	90	80	70	[40]	30	40	40
960126	-20	-40	-10	30	30	0	20	30	[60]	30	0	-20
960127	90	30	20	40	40	40	40	70	[10]	0	10	-10
960128	10	10	-40	-40	-10	0	-10	-10	[-10]	20	20	20
960129	40	40	40	40	80	90	90	70	-	70	60	90
960130	-110	-50	-110	-60	-70	-60	-40	-10	[90]	100	100	100
960131	90	100	70	70	(80)	(90)	(80)	[90]	[100]	80	100	80

potential gradient

12	13	14	15	16	17	18	19	20	21	22	23	Means
10	30	30	40	50	60	50	40	40	30	30	30	18
30	70	80	70	60	40	30	60	20	-220	-80	10	23
60	40	50	30	-20	20	30	40	30	40	30	20	13
80	80	90	80	80	90	80	80	80	70	70	60	60
60	40	40	50	40	30	20	20	-30	-100	-40	-20	32
-40	-30	-60	-80	-80	-90	-110	-100	-80	-80	-100	-100	-79
-30	-40	-40	-30	-40	-60	-30	-60	-60	-40	-30	-20	-59
-140	-70	-20	30	40	30	40	-10	0	20	-80	-120	-
-10	-20	0	-10	-20	-30	-20	-10	60	70	40	80	-15
10	30	-20	-30	-10	30	-40	-60	-20	-20	-30	-20	10
30	20	20	60	100	90	70	70	40	30	0	-10	42.5
40	40	40	30	20	40	40	30	40	80	60	40	28
90	90	90	100	110	110	90	80	30	30	10	30	55
70	90	40	30	30	30	10	20	40	30	40	20	57.5
80	90	90	90	60	40	90	80	80	190	160	140	57
60	90	80	90	90	80	70	70	40	80	60	60	74
30	40	60	40	90	60	30	40	40	40	60	30	59
60	60	80	40	40	40	90	70	90	70	30	30	55
40	40	40	30	40	30	70	40	60	60	60	60	45
40	30	40	60	70	70	60	70	40	20	20	0	51
60	80	80	90	80	70	80	90	90	90	80	80	55
-30	-20	20	30	20	40	60	30	20	10	0	-10	39
-30	-40	-30	-40	-30	-20	-20	-20	-20	-40	-40	-30	-24
-20	-50	-20	+S	+S	-10	+S	+S	+S	+S	40	-S	-
20	40	10	20	40	80	60	30	40	20	30	20	-
-30	-30	-10	-10	30	70	140	120	80	60	40	40	25
0	0	-10	10	-10	-40	-80	-80	-50	-40	-10	10	3
20	10	10	20	40	20	30	80	90	80	40	30	18
130	120	120	130	90	90	10	-40	-40	-110	-90	-40	47
100	130	140	110	130	120	30	0	20	30	70	90	35
110	130	140	110	140	120	120	70	60	30	80	90	94

Date	00	01	02	03	04	05	06	07	08	09	10	11
960201	100	70	90	100	20	80	20	80	[60]	30	20	30
960202	-90	-170	-230	-180	-60	-30	-20	-50	[-30]	-30	-30	20
960203	-20	0	80	90	90	80	40	90	[70]	30	60	70
960204	40	40	30	20	30	30	30	40	[40]	80	60	70
960205	70	40	30	60	70	80	80	[90]	-	100	90	90
960206	80	80	70	40	70	30	70	[80]	[130]	130	100	100
960207	40	40	60	40	40	40	40	40	[70]	70	60	80
960208	10	-10	-10	10	-10	30	30	[30]	[70]	90	90	110
960209	120	130	140	130	30	40	40	[40]	[70]	70	80	100
960210	80	70	70	80	70	60	80	90	[100]	120	90	120
960211	10	10	30	20	10	0	-40	[-40]	[0]	30	40	70
960212	-30	-10	30	40	60	90	80	[90]	-	70	80	30
960213	-90	-110	-70	-30	-70	-80	-40	-90	[-60]	-10	-10	OBS
960214	70	60	60	60	60	60	80	[70]	[50]	50	40	40
960215	-20	-10	10	0	-20	-30	10	20	[40]	40	70	70
960216	30	40	30	30	10	20	30	[50]	60	80	100	80
960217	50	30	40	40	30	30	[40]	40	20	0	OBS	10
960218	30	30	30	30	30	30	[40]	50	70	70	80	90
960219	40	40	40	30	20	20	-	-	-	80	+S	30
960220	OBS	-S	50	30	30	30	30	40	[60]	50	40	40
960221	70	60	60	60	50	60	50	60	[60]	70	70	70
960222	60	60	60	60	60	50	60	60	[50]	50	60	60
960223	50	40	40	40	40	50	60	70	[70]	60	60	60
960224	60	60	50	40	40	30	40	[20]	50	60	50	50
960225	60	60	50	50	40	40	50	[60]	[80]	80	90	90
960226	70	60	70	50	50	60	50	[60]	-	90	90	90
960227	50	30	10	10	0	20	30	[40]	[40]	60	90	90
960228	80	90	90	90	110	80	70	[60]	[60]	90	100	100
960229	50	40	40	30	30	30	20	[40]	[50]	60	60	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	90	80	40	30	30	10	30	40	30	-20	-10	46
60	80	90	60	60	90	80	100	100	110	100	60	4
60	40	70	80	100	100	30	80	100	90	90	70	66
80	90	90	90	80	100	90	70	40	40	40	60	57.5
90	100	100	120	120	140	140	110	90	90	90	80	90
80	60	60	70	80	80	80	70	70	70	40	40	74
90	80	70	60	70	40	30	-30	10	20	30	40	47
70	70	90	-10	-10	-40	-20	-10	10	30	60	110	33
130	140	130	100	100	140	170	130	150	240	130	110	107
140	130	150	210	160	130	130	90	70	40	40	20	98
90	110	110	100	90	80	60	30	20	30	0	10	36
40	10	-30	-30	-60	-90	-90	-80	-140	-110	-110	-80	-10
-60	0	80	130	120	50	0	-10	10	10	30	40	-11
30	30	20	30	40	30	30	20	30	30	-20	10	41
80	90	80	90	100	120	130	120	110	70	40	40	52
70	0	30	80	100	70	80	90	40	30	70	80	54
60	70	60	50	OBS	50	50	50	50	40	30	30	40
80	70	60	70	60	80	70	60	60	40	60	30	55
10	10	30	120	70	0	-10	130	30	OBS	OBS	OBS	-
40	50	60	50	50	40	50	60	60	70	60	60	-
80	80	80	90	90	90	80	70	60	60	50	50	67.5
60	60	50	60	70	80	60	70	70	70	60	60	61
70	70	60	70	70	110	120	70	60	50	50	60	62.5
60	70	80	90	120	90	80	80	80	80	70	60	63
110	130	120	130	140	110	90	80	90	80	80	70	82.5
110	120	120	120	130	120	100	90	90	100	90	80	78
130	140	170	130	130	130	130	130	110	110	80	80	81
100	120	110	110	110	110	130	140	100	80	70	60	94
70	90	110	110	110	110	100	70	50	40	40	40	61

Date	00	01	02	03	04	05	06	07	08	09	10	11
960301	20	10	20	20	30	-10	[10]	40	30	0	10	30
960302	-40	0	30	0	[-70]	20	30	30	[30]	20	40	-30
960303	30	40	30	30	30	40	0	20	[30]	50	30	OBS
960304	60	40	40	30	40	30	50	[50]	-	50	50	-S
960305	40	40	30	40	40	40	50	[70]	[50]	40	40	50
960306	10	10	20	30	30	40	40	[60]	[-10]	-30	10	20
960307	80	60	50	30	40	40	70	[40]	[30]	30	30	30
960308	30	30	30	30	20	20	30	40	[40]	50	60	70
960309	40	40	20	20	0	[20]	[30]	30	40	20	30	40
960310	30	20	20	0	-10	-20	[-30]	20	50	50	60	70
960311	40	50	50	50	-	-	-	-	-	60	40	40
960312	20	30	40	20	30	30	20	20	[20]	30	30	30
960313	10	-10	0	60	60	80	OBS	OBS	OBS	30	30	30
960314	20	10	30	0	20	30	40	60	[30]	70	60	90
960315	30	40	20	-10	10	10	30	70	[40]	30	30	40
960316	30	30	30	10	10	20	10	[30]	[20]	40	40	40
960317	60	70	60	70	40	40	40	[70]	[70]	70	70	70
960318	60	60	40	40	30	40	60	[70]	-	60	60	50
960319	10	10	10	0	10	10	40	[80]	[110]	40	30	50
960320	20	10	0	0	0	0	30	30	[40]	40	40	50
960321	0	0	0	0	0	10	0	10	[20]	30	40	40
960322	0	10	20	20	20	0	0	80	[30]	OBS	0	10
960323	80	50	40	30	30	30	30	[30]	30	60	60	80
960324	20	0	20	20	10	20	20	[10]	-10	10	30	30
960325	80	170	150	130	110	70	40	[40]	-	60	60	70
960326	40	50	60	40	40	10	20	10	[20]	30	40	40
960327	10	30	40	10	30	-10	[0]	-	-	-	-	-
960328	40	50	50	40	40	40	40	50	[50]	50	50	60
960329	30	30	30	30	40	20	20	20	[30]	30	20	30
960330	40	30	30	20	20	30	30	[40]	40	30	30	-S
960331	40	30	30	20	30	40	[40]	30	40	30	OBS	-S

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	-S	50	40	OBS	OBS	30	80	40	30	40	20	-
+S	OBS	OBS	OBS	10	30	50	50	40	30	0	-10	-
-S	20	OBS	30	40	40	OBS	OBS	40	60	40	50	-
30	70	60	50	70	50	60	60	50	50	40	50	-
50	50	60	70	60	60	50	50	40	40	40	30	47
30	30	40	0	30	40	40	30	30	60	40	40	27
40	40	50	50	50	50	60	60	50	30	40	50	46
70	80	80	70	60	60	60	60	40	40	40	40	48
40	50	50	60	50	50	50	60	40	60	50	40	39
80	90	90	80	90	80	70	60	60	50	40	40	45
40	40	60	40	30	20	20	30	30	10	20	10	-
10	30	60	80	90	90	80	70	20	10	0	0	36
20	0	20	20	40	30	20	30	20	30	30	20	-
90	60	70	90	70	80	80	90	90	80	80	60	58
40	40	40	60	40	30	40	60	60	30	10	20	34
60	30	20	30	20	20	10	20	30	40	40	60	29
60	60	80	80	60	70	80	80	80	70	70	60	66
50	30	40	30	10	10	10	10	10	30	20	30	37
60	60	50	50	50	40	40	40	20	30	20	10	36
60	60	50	60	60	60	40	40	40	20	20	10	32.5
30	(10)	20	20	10	30	20	30	20	10	0	0	15
0	0	30	40	70	60	70	80	60	70	80	60	35
60	60	50	40	40	40	40	40	30	20	10	20	42
-30	OBS	OBS	OBS	-	30	70	90	130	130	110	110	-
70	70	70	80	90	110	110	100	90	80	70	60	86
30	30	40	40	30	20	40	40	30	40	30	10	32.5
-	-	40	40	50	60	60	70	60	50	40	40	-
60	60	70	60	60	60	60	60	50	40	40	40	51
30	40	40	30	30	0	30	40	40	40	40	30	24
OBS	OBS	OBS	40	0	OBS	OBS	30	40	60	40	40	-
50	60	40	50	50	60	70	60	40	30	20	30	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
960401	30	40	20	10	20	20	—	—	0	10	10	20
960402	−60	30	−30	−120	OBS	0	−90	[−120]	+S	+S	+S	+S
960403	60	40	40	40	30	50	30	[70]	50	20	30	30
960404	10	−10	10	−20	−10	−20	[−10]	[−30]	−60	−10	−30	−40
960405	20	−10	−20	−10	−20	−40	−20	[−20]	−10	10	20	40
960406	50	40	50	40	60	40	[30]	40	60	70	70	80
960407	40	40	40	30	30	40	50	[50]	50	60	70	60
960408	20	20	20	30	30	40	—	40	40	40	60	60
960409	10	20	10	20	10	20	30	—	[30]	40	40	50
960410	10	20	30	20	20	50	60	[70]	60	50	40	40
960411	10	20	10	10	10	20	30	[30]	40	40	40	30
960412	10	10	10	10	0	0	20	[10]	20	20	30	30
960413	40	40	40	30	50	[60]	[60]	60	40	40	40	30
960414	10	10	10	20	[20]	+S	20	30	50	20	30	−40
960415	80	+S	+S	+S	120	120	90	—	80	−10	0	30
960416	40	30	40	30	30	30	30	(30)	—	(30)	60	80
960417	40	50	40	40	40	60	[70]	[90]	80	70	70	60
960418	40	30	30	30	30	40	[60]	[60]	60	60	70	70
960419	—	—	—	—	—	—	—	—	—	—	—	—
960420	—	—	—	—	—	—	—	—	—	—	—	—
960421	—	—	—	—	—	—	—	—	—	—	—	—
960422	—	—	—	—	—	—	—	—	[30]	20	40	40
960423	20	20	20	20	10	20	20	[20]	10	10	10	0
960424	0	10	20	20	20	30	[30]	30	20	20	20	30
960425	30	30	20	30	30	30	[20]	[40]	40	50	50	60
960426	20	20	10	0	0	−10	[0]	−20	−30	0	−10	−10
960427	30	30	30	30	20	20	[30]	40	40	40	40	40
960428	0	0	0	−10	−10	0	0	10	10	10	10	20
960429	20	40	30	20	30	30	[40]	—	40	60	70	60
960430	30	30	20	40	30	40	40	[20]	30	20	20	20

12	13	14	15	16	17	18	19	20	21	22	23	Means
20	20	20	10	-30	-60	-80	-40	-110	-20	-20	-20	-
+S	180	+S	+S	80	150	80	90	40	30	30	40	-
-10	0	10	20	30	40	40	30	40	0	-120	+S	25
-20	-60	-10	10	-30	40	60	70	70	50	30	10	0
40	40	40	40	30	30	40	40	40	40	40	40	17
80	80	90	80	90	90	50	30	50	50	60	50	60
70	70	70	70	80	80	70	60	50	40	20	20	52.5
60	60	50	60	50	40	50	40	40	20	20	20	40
40	50	60	70	OBS	30	40	40	20	-10	-30	-50	25
40	40	40	50	50	40	40	50	20	20	20	10	37
40	40	50	30	40	20	-120	-10	-10	-10	0	10	15
40	OBS	OBS	20	30	30	60	50	60	70	50	40	-
30	40	40	50	40	40	40	30	30	30	20	20	39
20	OBS	OBS	+S	-80	OBS	OBS	-80	50	140	170	80	-
50	50	40	40	40	40	80	80	30	40	60	50	-
80	60	50	50	40	50	60	70	80	60	60	50	-
70	70	70	70	60	50	40	40	40	40	40	30	55
70	70	80	70	70	60	50	40	40	30	30	(30)	52
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
40	40	40	30	30	30	20	30	30	20	20	20	-
0	10	10	10	10	10	10	10	10	10	10	10	12
10	10	10	40	10	10	20	20	20	10	10	20	18
50	50	50	50	40	40	30	0	10	10	20	10	33
30	40	20	40	60	60	60	50	60	40	40	30	21
50	40	30	30	30	30	20	20	10	10	0	0	27.5
20	20	20	20	20	30	20	20	20	20	20	20	12
40	40	+S	-100	40	40	60	20	30	30	40	30	32
30	20	20	20	20	20	20	10	20	10	10	10	23

Date	00	01	02	03	04	05	06	07	08	09	10	11
960501	10	10	10	10	20	20	20	[30]	20	20	20	30
960502	30	20	10	10	0	0	10	[20]	30	30	30	30
960503	20	20	20	20	30	30	30	[30]	20	20	30	30
960504	40	30	20	20	[20]	30	40	40	40	40	40	30
960505	30	30	20	20	30	[20]	20	40	30	40	40	40
960506	10	10	10	-	-	-	-	-	30	30	30	20
960507	10	10	10	20	20	10	10	[30]	30	30	30	30
960508	20	30	30	30	-S	OBS	OBS	(OBS)	+S	+S	+S	OBS
960509	OBS	OBS	+S	180	[50]	120	130	-	-10	-10	+S	-80
960510	30	40	30	30	30	40	[40]	[30]	30	30	-	[50]
960511	40	40	40	50	[30]	40	30	10	20	30	30	40
960512	-10	-20	-20	-10	[-10]	-10	0	OBS	OBS	10	30	30
960513	90	90	70	30	80	70	60	-	30	10	10	20
960514	10	0	-30	-10	-10	-10	-10	0	20	20	10	0
960515	10	10	10	10	10	10	10	10	10	10	10	10
960516	10	0	10	10	10	10	[10]	10	20	20	30	40
960517	30	20	10	20	10	10	10	0	10	20	30	40
960518	40	30	20	20	[10]	20	50	60	30	10	20	0
960519	20	20	10	10	0	10	[20]	10	20	10	10	20
960520	30	30	40	30	30	30	30	-	-	30	-10	50
960521	60	60	50	60	50	60	40	[70]	70	60	50	50
960522	30	-10	+S	OBS	OBS	OBS	OBS	[30]	20	30	30	20
960523	30	20	20	20	30	30	[40]	40	(50)	40	30	20
960524	20	20	10	30	20	20	40	[40]	40	40	40	40
960525	40	30	20	20	20	20	-	40	40	50	50	40
960526	0	OBS	OBS	OBS	0	20	[40]	10	40	40	40	+S
960527	30	30	20	10	20	40	[40]	30	20	10	-10	-10
960528	20	20	10	10	20	30	30	[20]	-	-	-	-
960529	40	50	40	30	30	40	40	-	40	60	40	40
960530	20	0	-10	0	0	20	40	[40]	70	90	100	90
960531	20	20	30	40	40	40	40	[30]	40	60	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	30	30	40	60	30	30	40	20	30	30	30	26
30	30	30	30	40	40	40	30	20	30	30	30	25
40	OBS	30	40	40	40	40	30	30	30	40	40	30
-20	OBS	+S	60	40	40	40	40	40	OBS	OBS	20	-
40	40	40	40	30	20	30	30	20	10	10	10	28
30	30	30	30	30	30	20	20	20	10	10	20	-
40	40	40	40	30	30	30	30	30	20	20	20	25
30	50	40	40	40	40	30	10	30	10	-40	OBS	-
20	0	20	10	10	OBS	10	10	10	10	20	20	-
50	70	80	70	60	50	50	60	60	40	40	30	-
50	50	50	50	50	50	20	10	0	-10	10	0	30
10	20	10	+S	OBS	OBS	OBS	OBS	OBS	OBS	OBS	80	-
10	10	10	20	10	10	10	20	0	40	40	0	32
-10	-10	-10	-10	-10	10	10	10	0	10	10	10	0
20	30	30	30	30	20	20	30	30	30	20	20	18
40	40	50	50	50	60	50	40	30	20	20	30	27.5
40	50	30	-S	OBS	OBS	+S	50	80	90	80	60	-
20	30	40	40	30	30	20	30	30	40	40	40	29
30	30	30	30	30	40	30	40	40	40	30	30	23
-100	80	OBS	OBS	-80	OBS	+S	OBS	OBS	-80	10	40	-
40	40	40	50	40	50	50	40	30	20	20	20	47
30	30	20	30	30	30	30	30	20	30	30	30	-
20	30	30	50	60	60	70	40	0	10	10	20	31
40	50	40	40	40	40	30	30	30	30	30	30	33
50	+S	50	50	40	-S	OBS	OBS	0	-10	20	20	-
OBS	OBS	OBS	-S	60	50	40	40	30	40	40	30	-
+S	OBS	OBS	OBS	OBS	+S	20	20	50	60	40	20	-
-	-	30	30	30	40	40	40	50	60	50	50	-
40	60	70	70	70	80	80	70	40	40	40	30	50
100	100	90	80	60	40	40	30	30	30	20	10	45
60	70	70	70	60	40	40	30	20	20	10	20	41

Date	00	01	02	03	04	05	06	07	08	09	10	11
960601	10	10	10	10	10	10	0	[0]	10	20	30	30
960602	10	10	10	20	30	30	30	[30]	30	30	30	30
960603	10	10	10	20	30	-	[10]	-	30	70	60	60
960604	20	20	10	10	0	0	0	[10]	10	10	20	30
960605	0	0	0	0	-10	-10	0	[20]	[40]	40	60	60
960606	10	10	30	40	40	40	40	[20]	20	30	30	(40)
960607	-10	0	0	10	10	10	[10]	-	20	30	40	60
960608	20	10	20	20	30	[30]	10	10	20	30	40	40
960609	10	10	10	10	20	20	[20]	30	30	40	40	60
960610	10	10	0	0	0	10	10	-	-	70	90	80
960611	10	0	0	10	20	20	30	[30]	30	40	40	60
960612	10	10	10	10	10	20	40	[30]	40	70	70	70
960613	20	20	10	0	0	10	20	[10]	-20	-10	10	20
960614	10	10	10	10	10	20	30	[30]	30	30	30	30
960615	0	0	0	0	10	30	[30]	[40]	40	30	30	30
960616	10	10	10	0	10	10	30	[30]	30	40	40	40
960617	0	0	10	10	10	20	-	30	40	60	70	60
960618	0	0	0	0	10	20	[30]	30	30	40	60	40
960619	OBS	+S	-S	-S	-50	10	20	[-S]	-S	20	20	OBS
960620	10	10	0	10	10	20	30	[20]	30	30	30	+S
960621	OBS	OBS	OBS	10	+S	30	20	[10]	20	20	30	20
960622	20	30	10	10	10	10	[20]	[30]	20	30	30	40
960623	20	20	20	20	20	30	[0]	10	0	70	0	10
960624	30	30	30	30	40	40	-	-	40	0	20	40
960625	30	30	40	30	30	40	40	[60]	50	50	40	40
960626	10	-10	20	0	+S	-30	30	10	30	30	20	40
960627	10	20	30	30	30	30	[40]	[40]	40	50	30	OBS
960628	10	10	0	-10	10	0	30	[40]	40	30	30	40
960629	10	0	0	10	10	[20]	[30]	20	20	30	30	40
960630	OBS	OBS	OBS	OBS	-40	-10	[30]	[60]	40	30	30	10

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	40	40	40	40	40	30	30	20	20	20	20	22
40	40	40	40	40	40	40	30	30	10	10	10	27.5
70	80	70	70	60	60	60	30	10	20	30	20	—
30	30	30	20	20	30	40	40	20	10	0	0	17
60	60	70	80	70	60	30	20	20	20	10	10	30
(40)	60	60	70	60	40	30	30	20	10	10	0	32
80	70	70	70	60	40	40	30	20	20	20	20	31
40	60	60	60	40	40	30	30	30	20	30	10	30
60	60	60	60	30	20	20	10	10	10	0	10	27
90	90	(90)	(70)	60	(40)	40	40	30	10	10	10	—
70	—S	—S	OBS	OBS	100	30	10	20	10	10	10	—
70	80	OBS	OBS	40	30	30	30	20	20	20	20	—
10	20	30	30	40	40	40	30	30	20	30	20	18
30	30	40	30	30	40	30	30	20	20	10	0	23
30	40	40	40	40	30	20	30	20	10	10	0	23
30	40	30	40	40	40	40	40	20	10	10	0	25
60	60	70	70	40	30	20	20	10	10	10	10	31
40	40	40	30	30	20	20	10	10	10	0	0	21
OBS	OBS	OBS	OBS	20	0	10	10	10	0	0	0	—
OBS	OBS	OBS	OBS	—	80	40	—10	20	40	20	10	—
20	+S	20	20	20	30	30	30	40	40	20	30	—
40	—10	OBS	—30	30	20	30	30	40	20	20	20	20
30	10	—10	20	20	40	40	30	30	30	20	30	21
40	40	40	40	40	70	40	40	40	40	40	30	—
40	40	30	30	40	50	40	30	50	50	40	30	40
40	40	30	10	30	30	30	40	40	30	20	10	22
+S	70	30	OBS	OBS	10	30	30	30	30	10	10	—
40	60	60	50	40	40	30	20	20	20	20	10	27
40	OBS	OBS	+S	+S	OBS	OBS	OBS	OBS	OBS	OBS	OBS	—
20	30	30	40	40	40	40	30	30	20	20	30	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
960701	30	30	30	40	40	0	–	–	30	30	20	30
960702	–50	–70	–50	0	10	20	40	[40]	40	40	40	30
960703	20	50	50	40	40	60	60	[50]	50	50	50	50
960704	–30	–20	0	20	30	40	40	[30]	40	50	50	50
960705	30	50	60	60	70	60	40	[30]	30	40	40	40
960706	30	10	10	20	10	20	10	20	30	30	30	OBS
960707	20	10	20	20	10	30	[30]	[80]	80	70	60	50
960708	20	20	20	20	30	[30]	–	–	–	30	40	40
960709	20	20	30	30	30	20	20	[20]	30	30	30	30
960710	20	20	10	10	10	20	30	–	–	–	–	–
960711	20	10	10	10	10	10	[10]	30	40	40	40	40
960712	10	10	–60	–30	–60	+S	–10	30	40	30	20	30
960713	10	20	20	10	20	30	30	[40]	40	50	50	60
960714	30	40	40	40	40	40	[40]	[50]	70	90	80	80
960715	20	20	20	20	30	40	20	–	–	60	70	80
960716	20	20	10	10	0	[20]	50	50	50	70	60	60
960717	50	50	40	40	40	40	[50]	[50]	50	70	60	50
960718	10	0	10	10	10	20	[40]	[40]	40	50	50	50
960719	40	40	50	50	40	50	[60]	[60]	50	50	10	50
960720	20	20	40	40	20	40	[50]	50	50	50	50	50
960721	20	40	40	20	40	50	[40]	60	70	80	70	70
960722	10	10	10	10	20	20	20	–	40	40	40	60
960723	10	10	0	0	10	20	[20]	20	20	20	20	30
960724	10	OBS	OBS	+S	10	–10	[20]	30	30	60	OBS	OBS
960725	30	OBS	+S	OBS	OBS	–20	[10]	[40]	80	40	30	20
960726	20	20	30	20	30	30	[20]	30	0	10	20	30
960727	20	20	20	20	10	30	[30]	30	30	30	30	30
960728	10	0	10	20	30	30	[20]	20	30	40	40	40
960729	30	30	40	40	60	[60]	–	[80]	–	70	40	50
960730	30	30	30	20	20	30	[40]	[10]	OBS	OBS	OBS	–S
960731	30	40	30	30	30	30	[40]	40	50	70	60	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	20	30	20	10	10	10	-10	-30	-10	-50	-30	-
30	40	40	40	30	+S	-S	-S	-S	OBS	OBS	-S	-
60	60	60	50	50	40	40	40	30	30	30	-10	44
50	50	50	50	40	50	60	50	40	30	30	40	35
50	40	40	40	30	30	20	20	10	10	10	20	36
OBS	OBS	+S	30	10	-10	10	20	20	10	0	10	-
40	40	40	40	30	40	40	30	20	20	20	20	36
-	-	-	OBS	OBS	50	30	OBS	-40	0	10	10	-
30	40	40	40	40	40	40	40	40	40	30	20	31
-	-	-	-	-	-	50	50	40	40	40	30	-
40	40	40	30	30	30	20	30	30	30	10	20	26
40	30	30	30	40	30	20	20	20	10	10	10	13
60	70	60	70	60	50	40	40	40	30	40	40	41
80	80	80	70	50	40	40	40	40	30	30	20	52
80	-S	-S	OBS	40	50	40	40	40	40	40	40	-
60	70	70	70	80	70	70	70	60	60	50	50	50
50	50	60	50	50	50	50	40	20	10	10	0	43
60	50	50	50	50	50	50	70	50	40	40	20	38
50	50	60	50	50	50	50	40	20	10	20	20	42.5
50	50	60	60	60	60	60	50	50	40	40	20	45
50	50	50	50	40	40	40	20	10	10	10	10	41
40	40	40	30	40	30	20	10	10	0	0	0	23
30	30	30	30	20	20	30	10	10	10	10	10	17.5
30	40	40	40	OBS	10	20	30	10	20	OBS	20	-
20	30	10	20	20	30	30	30	30	40	30	40	-
20	30	40	30	30	30	40	30	40	30	40	30	27
30	30	40	40	30	30	30	20	30	30	20	10	27
+S	+S	60	+S	OBS	OBS	OBS	OBS	20	30	40	30	-
70	80	OBS	OBS	30	40	40	40	40	30	40	40	-
50	60	40	40	50	50	40	40	40	30	30	30	-
50	50	40	40	40	30	30	20	20	30	30	20	37.5

Date	00	01	02	03	04	05	06	07	08	09	10	11
960801	10	10	10	10	10	20	30	[30]	30	40	50	40
960802	10	10	0	10	10	20	[20]	[10]	10	30	30	40
960803	10	10	10	0	-50	0	30	[50]	30	30	40	-S
960804	10	20	10	10	20	20	20	30	[40]	20	20	10
960805	40	40	30	40	40	[50]	40	-	50	50	50	40
960806	10	10	10	10	20	20	10	[20]	30	30	30	40
960807	20	30	30	20	30	30	30	[40]	40	50	60	50
960808	50	30	20	30	0	10	[40]	30	30	70	60	50
960809	20	10	10	10	20	30	40	[40]	40	40	50	50
960810	20	20	10	10	[10]	20	20	10	10	20	30	30
960811	20	20	10	10	10	[10]	20	20	20	30	40	30
960812	10	10	10	10	10	[10]	-	20	-	30	-10	-30
960813	40	40	50	40	40	50	60	[40]	40	70	60	50
960814	30	20	10	30	40	50	[60]	[60]	50	60	50	50
960815	10	20	30	30	40	40	40	[40]	40	40	40	40
960816	20	30	30	30	30	40	40	[40]	30	40	40	(40)
960817	40	40	30	40	40	30	20	[30]	30	20	30	30
960818	20	30	20	20	20	20	30	[10]	40	40	50	50
960819	30	40	30	30	40	40	50	-	50	50	60	60
960820	40	40	30	20	20	30	40	[40]	[60]	80	80	90
960821	20	20	10	20	20	[30]	-	40	40	40	40	50
960822	10	10	20	20	30	60	[50]	[50]	60	70	80	80
960823	30	10	10	20	30	20	20	[20]	30	40	40	40
960824	20	10	10	10	20	20	[30]	20	30	30	50	60
960825	0	10	20	10	10	20	OBS	-10	-S	OBS	OBS	OBS
960826	10	20	10	0	10	20	-	80	70	90	90	70
960827	10	20	20	10	10	30	40	[40]	30	30	30	30
960828	40	30	30	40	40	40	40	[40]	40	40	40	20
960829	OBS	OBS	40	40	40	40	90	[70]	60	40	40	40
960830	10	20	20	20	30	[40]	40	40	30	40	40	40
960831	20	10	10	10	20	30	[40]	40	40	40	40	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	50	50	40	30	30	20	20	20	20	20	20	27
40	60	40	30	30	40	30	20	10	20	30	20	24
OBS	OBS	-	-10	10	0	-10	10	20	10	10	10	-
20	20	20	30	30	20	40	40	50	40	40	40	26
40	40	40	40	40	40	40	50	40	40	30	20	40
30	50	60	60	40	40	40	40	30	30	30	30	30
60	50	70	80	80	80	70	50	50	40	40	30	47
70	70	60	60	50	40	50	40	40	40	30	30	42
60	70	60	60	50	40	40	20	10	10	10	10	33
30	30	30	30	20	20	30	30	20	20	20	20	21
40	30	30	30	30	30	30	20	20	20	20	20	23
-20	20	20	+S	OBS	-10	OBS	OBS	OBS	OBS	OBS	OBS	-
40	40	40	50	40	30	30	40	50	OBS	-S	30	-
30	30	50	40	40	30	20	30	30	OBS	OBS	OBS	-
30	60	40	40	30	20	50	40	30	30	30	30	35
40	40	40	40	40	50	40	40	50	40	40	40	38
30	30	30	40	40	30	30	40	30	20	30	20	31
50	40	40	40	40	30	OBS	30	40	50	+S	10	-
60	70	60	60	50	30	40	60	40	40	40	40	47
80	80	70	60	40	30	20	30	30	20	20	20	44
50	60	50	40	30	30	40	30	30	20	30	10	33
70	70	60	50	50	40	50	30	30	20	20	30	44
40	50	40	40	50	50	30	40	30	20	20	20	31
50	60	60	50	30	30	30	20	10	10	10	10	28
+S	-S	20	80	40	30	40	40	40	40	30	20	-
70	60	40	40	30	30	30	30	20	20	10	20	38
30	20	30	30	40	40	20	30	40	30	40	40	29
OBS	+S	30	20	20	10	10	-70	OBS	OBS	10	OBS	-
60	60	60	40	30	20	30	20	10	10	20	10	-
40	40	60	70	40	40	40	30	30	20	20	20	34
60	40	40	60	70	40	40	40	40	30	20	20	36

Date	00	01	02	03	04	05	06	07	08	09	10	11
960901	20	20	10	10	20	20	20	[30]	40	20	20	10
960902	-20	-10	OBS	OBS	OBS	[10]	-	10	10	-70	-10	-30
960903	+S	OBS	-10	10	30	OBS	OBS	30	60	90	80	90
960904	30	30	20	30	30	30	[40]	(40)	60	70	60	40
960905	30	40	40	40	+S	OBS	[20]	[90]	30	+S	60	40
960906	40	40	30	40	40	30	[30]	40	20	20	20	10
960907	30	30	30	40	40	40	40	40	[60]	70	30	-10
960908	-	-	-	-	-	-	-	-	-	-	-	-
960909	-	-	-	-	-	-	-	-	-	-	-	-
960910	-	-	-	-	-	-	-	-	-	-	-	80
960911	10	10	10	10	0	-10	20	-	70	40	40	30
960912	10	20	20	20	10	10	30	[40]	40	60	60	60
960913	20	20	30	20	60	30	[80]	[70]	60	40	40	20
960914	30	30	20	30	20	30	[30]	30	30	20	10	0
960915	40	30	30	40	40	30	[40]	[40]	40	40	20	30
960916	30	30	30	40	30	[40]	-	50	50	50	50	40
960917	30	20	20	20	30	30	30	[40]	40	50	40	40
960918	50	40	30	30	20	20	30	[30]	10	20	20	20
960919	70	80	50	50	50	40	[60]	[70]	40	40	50	50
960920	20	10	10	10	20	0	20	[30]	20	30	30	30
960921	20	30	30	30	20	[20]	20	10	10	20	0	10
960922	-40	0	10	10	10	20	0	10	10	10	10	10
960923	-10	-10	-20	-20	-30	-20	-30	-	30	40	40	30
960924	40	40	30	30	30	40	60	[70]	40	40	40	30
960925	10	10	20	20	30	40	40	[30]	(30)	40	40	30
960926	30	20	20	20	10	30	40	[60]	30	20	30	30
960927	10	10	10	20	10	20	30	[40]	40	40	60	70
960928	30	20	10	30	30	30	[60]	40	30	30	OBS	OBS
960929	+S	10	10	20	30	[30]	40	40	40	70	70	70
960930	20	10	10	20	20	30	60	70	[60]	40	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
10	20	30	30	20	20	10	30	40	-30	-200	-70	6
+S	0	30	30	20	10	20	20	10	OBS	+S	0	-
70	70	60	40	30	30	30	30	30	30	30	30	-
30	40	70	60	70	40	OBS	-20	40	40	20	10	38
40	40	+S	60	60	40	40	40	70	60	60	60	-
OBS	40	OBS	30	30	40	+S	OBS	30	40	30	30	-
20	-10	-S	OBS	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
40	30	30	40	40	30	30	30	20	10	10	10	-
40	40	40	40	60	40	40	30	20	20	20	10	27
40	30	0	OBS	OBS	-80	20	10	20	30	80	60	-
20	20	30	40	30	30	40	40	40	20	30	30	36
0	10	-90	-180	10	30	40	30	40	40	40	30	12
40	40	30	30	30	30	20	20	OBS	-S	20	20	-
40	40	40	40	40	40	30	30	30	30	30	20	37
40	40	30	40	50	40	40	40	40	40	40	40	36
20	20	30	30	20	30	40	50	50	40	50	80	32.5
40	40	30	20	10	20	30	30	20	10	10	10	38
60	80	40	10	20	10	20	-10	-10	40	20	10	22
10	20	20	30	30	20	0	0	10	10	-60	-40	11
20	20	0	-10	0	-50	-50	-40	-10	10	10	10	-1
0	10	20	30	40	40	40	40	30	40	40	40	16
10	10	10	20	40	40	40	40	20	20	30	20	33
10	40	10	20	40	40	40	80	70	60	60	40	36
30	10	20	30	10	20	30	30	30	20	10	10	25
70	60	40	30	30	20	10	10	20	10	-30	-30	25
0	40	OBS	OBS	20	30	OBS	0	20	20	30	40	-
40	-20	30	40	20	10	10	0	20	0	-30	20	25
60	70	60	40	20	10	0	-10	0	10	-20	-20	28

Date	00	01	02	03	04	05	06	07	08	09	10	11
961001	0	-10	0	0	-20	-20	[0]	10	-20	-20	0	40
961002	10	10	20	20	30	30	[40]	[60]	30	10	10	-10
961003	0	20	40	40	40	40	40	[40]	40	40	30	40
961004	40	30	20	20	30	30	60	[60]	30	40	60	60
961005	0	10	0	0	0	10	[-10]	0	20	20	10	-10
961006	20	20	20	10	60	10	[0]	10	10	10	30	30
961007	40	20	20	20	30	40	-	70	-	40	30	40
961008	30	30	30	30	40	30	[40]	80	40	30	40	60
961009	30	40	30	30	20	30	30	[40]	30	30	40	40
961010	10	10	20	20	20	40	[40]	30	20	30	30	30
961011	10	0	10	10	10	10	30	[40]	30	30	60	60
961012	20	30	30	20	0	-20	-10	[0]	10	10	10	20
961013	20	10	10	10	10	0	10	20	10	10	20	30
961014	10	10	10	10	10	-	-10	(-10)	(-10)	10	30	40
961015	10	20	10	-10	-10	-10	[-10]	[-20]	-10	-30	-10	10
961016	40	60	60	60	60	70	[70]	[+S]	30	90	+S	20
961017	40	30	40	40	40	70	[60]	[40]	40	20	20	30
961018	OBS	-S	40	60	60	40	[60]	[40]	40	40	40	30
961019	20	20	30	30	[30]	40	40	60	70	60	40	40
961020	30	20	10	10	20	20	[30]	40	40	40	30	30
961021	0	-10	-10	OBS	30	-	40	-	40	30	30	20
961022	-40	OBS	+S	OBS	0	30	20	-10	20	10	20	30
961023	20	30	30	30	30	40	[40]	40	40	30	20	-40
961024	-	-	-	-	-	-	-	30	30	30	30	20
961025	40	40	40	40	30	40	50	[50]	60	50	50	40
961026	20	10	20	20	30	20	60	[80]	[80]	40	30	30
961027	30	20	10	30	30	30	40	[60]	60	60	60	50
961028	40	30	30	-20	-40	-50	(-10)	10	20	20	30	40
961029	40	-50	10	80	100	130	140	150	-	40	40	40
961030	20	30	30	20	20	30	40	[30]	30	30	30	40
961031	30	30	30	20	20	30	[30]	30	40	40	40	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	40	40	40	40	30	30	40	40	30	30	10	16
-10	-10	-10	-30	20	-10	-10	10	-10	0	-20	-40	6
70	70	80	90	70	60	70	40	40	40	40	40	47
60	40	40	40	30	40	20	20	10	10	10	10	34
(30)	-10	10	-10	-20	-10	0	30	100	OBS	OBS	20	-
10	20	0	10	10	-10	-10	20	30	40	60	30	18
40	40	40	60	40	60	70	40	30	20	20	30	-
60	60	30	30	40	60	30	20	30	30	20	20	38
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20	-10	20	40	40	20	10	10	10	10	-10	-	20
30	-	70	60	40	40	40	40	30	20	20	10	30
30	40	40	40	30	20	10	0	0	10	30	30	17
40	60	60	40	30	20	20	20	10	0	20	0	20
40	40	40	30	40	30	20	30	40	40	20	10	-
30	40	40	40	30	40	40	60	40	40	40	70	19
40	60	40	40	40	60	60	40	60	40	40	40	-
30	10	40	40	40	40	60	70	40	30	60	70	42
40	40	40	60	60	40	60	60	40	30	30	20	-
40	40	40	60	60	40	60	70	40	40	40	40	44
30	20	30	30	20	20	-30	-110	-110	-50	-20	-20	5
30	10	20	20	30	40	30	20	10	0	-50	-10	-
30	20	30	30	40	50	-S	30	30	30	10	10	-
-10	40	0	30	60	60	90	80	70	60	-	-	-
40	40	60	70	60	60	70	70	60	40	40	40	-
40	30	30	30	40	60	50	40	40	30	20	20	40
30	30	30	40	40	20	30	20	10	10	20	20	31
50	50	60	60	50	30	30	40	30	20	10	20	39
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40	60	40	30	30	40	30	30	30	10	10	10	47
40	40	40	60	60	60	70	60	40	40	30	40	39
40	60	40	60	70	60	30	0	10	30	20	30	35

Date	00	01	02	03	04	05	06	07	08	09	10	11
961101	40	40	40	40	20	-40	0	10	[30]	-10	0	90
961102	40	40	30	30	30	[30]	30	30	40	60	40	40
961103	30	30	30	40	40	40	60	60	[80]	60	60	60
961104	70	80	100	90	70	70	120	(130)	-	150	130	70
961105	20	20	10	70	70	40	40	50	[70]	60	50	60
961106	0	0	10	20	30	30	30	30	[20]	10	20	20
961107	40	40	40	40	40	40	40	70	[40]	30	30	40
961108	10	10	-140	0	20	30	30	30	[30]	30	30	40
961109	30	20	20	30	30	30	30	[30]	40	30	30	30
961110	10	10	0	10	10	10	10	[0]	-10	-10	10	10
961111	20	10	10	10	10	20	-	-	0	10	10	-10
961112	0	0	0	0	-10	-10	-40	-40	[-20]	-10	10	20
961113	10	-10	-30	-60	-40	-20	-10	10	[10]	10	20	10
961114	20	10	10	0	0	0	0	0	[10]	10	10	10
961115	30	30	30	30	30	40	40	60	[80]	60	60	50
961116	10	0	-10	0	10	40	40	40	[70]	70	50	60
961117	30	70	60	20	20	40	10	20	-10	-10	10	10
961118	40	30	10	0	10	20	-	-	-10	0	30	10
961119	20	30	20	0	10	20	[20]	-	-	-	-	-
961120	0	10	10	10	20	20	10	20	[20]	20	0	10
961121	10	40	30	40	40	40	[50]	60	-	-	-	-
961122	40	40	10	OBS	OBS	OBS	OBS	OBS	OBS	[10]	30	20
961123	50	40	50	40	30	40	40	50	[40]	30	40	40
961124	60	50	50	40	40	60	50	60	[40]	40	30	30
961125	30	30	30	30	40	30	40	[40]	-	40	40	40
961126	0	0	-10	20	10	30	100	20	[70]	40	10	40
961127	30	30	20	10	30	0	10	20	[30]	60	80	70
961128	0	-10	0	0	0	0	0	0	[30]	60	30	30
961129	40	40	20	20	30	40	40	[60]	70	70	60	40
961130	-30	-30	-40	-30	-20	-10	-20	[-10]	30	60	40	70

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	10	0	-20	-10	0	30	40	0	30	30	40	19
40	60	60	40	60	70	70	80	70	30	30	30	45
70	60	40	40	60	40	40	80	70	80	90	80	56
70	70	70	60	90	70	60	70	80	90	70	40	-
60	70	70	40	40	50	60	60	40	30	10	0	45
30	30	30	30	30	30	40	40	40	40	40	50	27
40	40	50	40	40	30	40	50	40	40	30	20	40
40	30	40	40	40	50	40	40	30	30	30	20	23
30	30	30	30	20	10	20	10	10	10	20	10	24
10	0	0	-10	-10	10	-10	-10	0	10	0	0	2
-10	0	20	30	10	20	30	30	20	10	10	10	-
30	30	40	40	40	40	40	30	40	30	10	10	12
20	30	40	30	40	40	50	40	50	50	40	30	15
10	20	10	30	30	10	30	20	20	0	10	60	14
50	60	50	40	30	30	20	10	20	10	10	20	37
70	60	70	50	80	80	50	70	80	20	-10	40	43
0	10	10	10	20	40	40	40	30	40	40	40	25
-10	0	10	0	20	30	20	30	30	10	0	10	-
-	-	-	40	70	70	70	40	-10	-10	-10	-10	-
10	-10	10	20	10	-60	0	30	70	40	10	+S	12
-	40	50	60	70	70	80	60	60	70	50	50	-
10	30	70	70	80	80	80	120	90	90	60	60	-
40	40	40	30	30	30	40	40	50	60	70	70	43
20	20	30	40	40	40	40	40	40	40	30	30	40
40	40	40	30	30	30	10	-10	-20	-10	-10	0	24
40	80	40	30	30	-10	0	30	60	70	60	60	34
40	30	40	40	40	60	80	90	70	60	40	30	42
20	40	30	40	60	70	40	30	10	20	10	20	22
40	40	30	0	-10	-20	-30	-20	-10	-20	-40	-30	19
70	90	80	90	100	100	100	120	160	100	90	100	50

Date	00	01	02	03	04	05	06	07	08	09	10	11
961201	90	60	70	70	60	60	70	80	70	80	[110]	60
961202	60	60	40	40	40	40	30	(30)	—	30	—10	40
961203	40	40	40	30	40	40	40	[60]	[60]	50	50	60
961204	—20	—40	—70	—40	—60	—20	—60	[—20]	—30	(—30)	(—20)	—10
961205	—20	—20	—40	—20	—30	—30	—40	—30	[—40]	—60	—80	—70
961206	—60	—30	0	20	—10	—40	—10	[10]	[—20]	—10	—30	—20
961207	—10	—20	20	20	20	10	30	70	[40]	30	—20	40
961208	0	—10	0	0	10	0	10	0	[—10]	—20	—20	—10
961209	—	—	—	—	—	—	—	—	—	—10	—10	—10
961210	30	20	30	30	30	40	40	[30]	[20]	10	—10	0
961211	—10	—10	—10	10	10	10	[10]	[10]	—10	—20	—30	—30
961212	0	—10	—10	10	0	—10	—10	[—10]	[30]	0	—20	—10
961213	20	10	10	30	40	10	10	30	[0]	20	20	30
961214	40	40	60	40	40	40	[30]	[20]	40	60	60	60
961215	30	10	10	30	60	40	60	[40]	30	20	30	40
961216	40	30	30	40	30	40	60	80	80	—	60	40
961217	—10	—10	—10	—10	—20	—10	—20	[—10]	[—20]	0	20	30
961218	50	20	30	70	80	[80]	90	120	130	40	20	10
961219	50	60	60	70	60	110	80	100	[80]	[90]	40	50
961220	80	70	70	80	70	70	70	80	50	60	60	50
961221	—10	—20	10	10	20	30	[30]	40	40	40	60	70
961222	70	80	50	40	50	[40]	[70]	100	80	70	80	50
961223	20	—10	30	—20	10	10	—10	[10]	—	—10	—20	—20
961224	10	—40	—50	—10	—20	0	—10	[0]	10	10	20	30
961225	80	80	30	—10	—10	—10	[—10]	10	—20	—10	—20	0
961226	10	10	10	30	20	30	40	[50]	60	70	70	90
961227	—	—	—	—	—	—	—	—	—	—	—	—
961228	—	—	—	—	—	—	—	—	—	—	—	—
961229	—	—	—	—	—	—	—	—	—	—	—	—
961230	—	—	—	—	—	—	—	—	—	20	50	60
961231	—30	—10	10	0	—10	—40	—10	10	[0]	—40	—70	—40

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	30	20	20	30	40	40	60	70	40	40	40	57
70	120	100	90	90	80	80	60	50	50	50	40	—
60	70	70	70	140	120	100	80	60	40	10	-20	56
10	10	(20)	(20)	30	40	40	10	-10	-30	-70	-30	—
-60	-40	-60	-40	-60	-60	-60	-40	-80	-40	-60	-20	-46
-30	-10	-10	0	-10	0	10	10	-20	-10	-20	-10	-13
10	20	0	20	10	0	-10	0	-40	-30	-10	0	8
—	—	—	—	—	—	—	—	—	—	—	—	—
-10	-10	-20	-20	-10	0	0	0	10	10	10	30	—
0	-10	-20	0	-10	0	10	-20	0	10	10	10	10
-30	-20	-10	-20	-10	-20	-20	20	20	10	10	-10	-6
-20	(0)	10	-10	0	10	30	40	20	20	10	20	4
80	70	40	40	90	90	70	70	40	60	70	40	41
70	60	40	20	20	10	10	10	30	30	30	30	37
60	60	70	70	90	90	60	40	40	40	40	40	46
40	40	20	10	30	-30	-40	-10	10	10	0	-10	26
50	70	30	40	50	40	40	50	30	20	60	40	19
10	10	-10	0	0	0	-10	-10	20	50	40	20	36
80	70	80	80	80	70	40	80	130	130	130	90	80
40	40	40	30	0	-20	-50	-50	30	40	30	-10	39
70	80	80	90	90	100	110	120	140	120	80	70	61
50	60	40	-20	0	30	-10	40	20	20	-20	40	43
-10	10	10	-10	20	30	30	20	0	30	80	20	10
40	50	50	30	20	20	20	20	40	60	60	70	18
0	10	70	80	50	20	30	40	30	30	10	0	20
130	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
60	70	60	50	50	70	40	10	20	-10	-30	-10	—
-30	-40	-10	-10	-20	-60	-50	-60	-60	-30	-80	-20	-29

Date	00	01	02	03	04	05	06	07	08	09	10	11
970101	10	0	10	-10	0	70	10	-20	[80]	10	40	-20
970102	30	20	0	10	20	10	10	20	-	40	50	30
970103	-10	-20	-40	-30	-60	-60	-40	[-20]	[-20]	-20	-40	-100
970104	-40	-20	-10	-20	10	-60	-10	[70]	[80]	40	10	30
970105	50	40	70	120	140	140	90	[60]	[50]	40	50	60
970106	50	40	50	50	50	50	50	-	-	30	30	40
970107	10	-10	30	10	-10	20	30	0	[-20]	-20	-20	-10
970108	-70	-40	-30	-20	-20	-60	-20	-60	[-80]	-80	-60	-100
970109	-30	-30	-30	-20	-30	-20	-20	[-10]	[-30]	-20	-20	-30
970110	30	20	30	50	60	40	40	[40]	[40]	50	80	50
970111	-60	-40	-30	10	20	30	40	[50]	[60]	80	60	70
970112	50	70	60	50	50	50	50	60	[80]	70	70	80
970113	80	120	130	90	60	100	-	-	130	140	100	130
970114	50	50	120	100	70	50	40	[50]	30	50	40	40
970115	50	60	70	60	80	80	80	[70]	[80]	90	80	80
970116	80	70	60	70	60	60	60	[60]	[60]	80	40	30
970117	30	30	60	30	30	20	30	[10]	[20]	-10	40	20
970118	-20	10	30	30	30	20	50	50	[40]	30	0	10
970119	10	10	20	0	0	50	30	-	-	-	-	-
970120	-	-	-	-	-	-	-	-	30	30	40	40
970121	100	90	80	90	70	40	40	[90]	[70]	80	90	90
970122	-50	0	30	30	0	20	30	[30]	20	-10	-20	-20
970123	10	10	20	0	30	30	-10	[0]	30	10	10	20
970124	40	40	40	30	30	30	30	[40]	40	30	30	40
970125	60	60	40	40	30	30	30	[30]	10	-20	-50	-40
970126	30	30	-20	-10	0	0	-50	[-20]	[10]	20	60	80
970127	-40	-10	10	20	60	20	-	-	10	20	20	20
970128	40	40	30	20	20	10	20	[60]	70	60	70	70
970129	20	-10	10	30	20	30	30	[40]	[40]	40	50	40
970130	40	30	40	30	40	40	40	[40]	30	30	40	40
970131	40	30	20	30	40	40	40	[40]	[40]	40	40	60

potential gradient

12	13	14	15	16	17	18	19	20	21	22	23	Means
-30	-60	-40	20	50	50	80	60	40	30	30	-40	15
40	60	60	60	50	60	50	50	80	60	40	0	37
-20	-20	-40	-30	-30	-70	-60	-40	-60	-70	-90	-70	-44
OBS	OBS	OBS	-S	10	30	30	20	50	40	40	40	-
40	30	50	70	80	60	20	40	40	30	80	60	63
30	50	50	50	60	30	-10	-30	-10	-10	10	30	-
30	20	0	0	-30	30	-30	-60	-60	0	-20	-70	-8
-80	-60	-60	-70	-60	-70	-60	-80	-60	-60	-60	-60	-59
-30	-30	-30	0	-10	-10	-30	-30	-40	-60	-20	20	-23
40	30	40	30	40	30	10	-10	-10	0	-60	-70	25
80	70	70	80	80	50	60	(70)	(-10)	10	30	50	-
80	90	90	90	90	170	150	140	140	130	110	80	88
110	120	80	100	130	100	100	120	100	120	130	90	-
50	60	80	80	80	70	50	70	80	70	70	60	63
80	80	120	100	120	120	90	80	80	110	80	40	83
60	80	60	70	70	80	60	70	40	30	60	40	60
20	30	30	20	20	20	10	0	-10	10	-10	20	20
10	40	70	40	30	70	30	30	30	10	10	20	28
-	-	-	-	-	-	-	-	-	-	-	-	-
40	40	60	80	100	110	90	60	90	90	100	90	-
90	110	100	170	110	110	150	150	90	90	90	60	94
-40	-40	-30	-40	-30	-40	-40	-40	-40	-20	-20	-10	-14
30	80	70	70	60	80	30	40	30	30	40	30	31
80	40	40	40	80	80	90	90	80	40	20	40	48
0	30	20	40	30	40	40	40	30	30	30	30	24
90	100	100	100	60	30	20	20	20	10	10	-30	28
30	30	10	20	30	30	40	40	40	20	20	50	-
80	80	90	80	80	70	70	80	80	60	40	30	56
60	70	60	60	70	90	80	90	70	60	50	40	48
50	50	60	60	50	60	50	50	40	30	40	30	42
50	50	60	70	70	50	40	40	30	40	40	40	43

Date	00	01	02	03	04	05	06	07	08	09	10	11
970201	20	10	20	30	30	40	40	[50]	60	50	50	60
970202	40	40	40	50	50	50	60	70	[80]	80	60	40
970203	30	30	40	60	50	60	—	—	100	90	80	70
970204	80	80	40	40	40	80	70	[70]	100	90	90	90
970205	90	80	70	90	100	80	90	[130]	[140]	110	100	100
970206	40	30	20	−10	−20	0	40	[60]	70	80	70	70
970207	40	30	30	40	40	30	30	[40]	30	60	70	80
970208	40	60	70	60	60	70	60	[70]	[80]	80	80	80
970209	100	90	90	60	80	40	90	[80]	[70]	130	90	90
970210	60	70	60	80	40	80	[140]	—	—	+S	+S	200
970211	+S	200	190	+S	140	80	140	[120]	[40]	30	90	70
970212	30	30	20	20	30	30	40	[20]	10	−10	−70	10
970213	40	40	40	40	40	20	30	[20]	30	30	40	40
970214	20	10	10	10	20	30	30	[30]	[30]	20	20	20
970215	40	40	20	30	40	60	60	[80]	60	60	70	0
970216	40	40	30	30	40	40	40	[40]	30	30	30	40
970217	30	30	30	30	40	30	[40]	—	60	40	40	40
970218	10	10	10	10	20	10	30	[20]	[30]	40	40	40
970219	30	30	30	40	60	40	30	[70]	−10	30	30	30
970220	30	20	20	−10	−40	−20	30	[20]	40	40	20	OBS
970221	10	10	30	40	30	120	130	80	[20]	30	20	30
970222	30	20	10	10	10	10	10	[10]	[30]	30	30	30
970223	10	10	10	20	30	30	40	[40]	[30]	40	50	50
970224	30	40	40	40	30	10	—	—	10	10	20	40
970225	20	20	20	20	20	10	10	20	[30]	40	40	40
970226	20	10	20	20	30	20	20	[30]	[30]	30	40	40
970227	10	10	10	OBS	−50	20	20	0	[30]	10	10	0
970228	30	20	30	30	30	30	40	[40]	[60]	70	60	60

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	60	60	70	70	60	70	80	70	60	50	40	50
50	60	70	60	50	50	70	50	50	40	50	30	54
80	80	80	70	60	70	60	40	60	40	40	60	—
80	80	90	80	80	70	60	30	40	40	60	30	67
120	120	130	110	130	90	100	70	80	90	100	80	100
70	70	80	80	80	80	70	80	70	70	60	60	55
100	110	100	90	90	80	90	90	70	60	40	30	61
80	70	80	80	90	100	90	100	90	90	100	90	78
130	120	90	80	90	70	80	70	90	90	80	70	86
200	140	90	100	90	150	+S	+S	+S	+S	+S	+S	—
60	40	40	40	40	30	20	10	10	20	30	30	—
30	20	40	70	90	40	60	60	70	60	40	40	33
40	40	40	30	20	OBS	30	20	30	30	30	20	32
30	30	40	30	40	40	40	30	30	30	40	40	28
−10	30	60	60	30	20	40	70	70	70	60	40	46
60	70	60	60	60	40	40	60	60	40	30	30	43
50	50	50	40	40	30	30	30	40	40	20	20	37
40	40	30	30	30	20	−10	−140	−50	−20	0	0	10
30	30	+S	30	40	40	40	40	40	40	40	30	35
+S (OBS)	0	OBS	40	70	80	50	40	40	40	30	30	—
30	30	30	40	50	40	40	30	50	40	40	30	42
30	30	40	30	40	50	70	50	40	30	20	10	28
40	40	40	40	40	50	60	50	50	40	50	40	38
40	70	80	60	20	20	10	10	10	20	20	30	—
60	60	40	40	40	40	40	40	30	30	30	30	32
40	20	10	+S	OBS	10	40	40	30	20	20	10	—
−10	0	−10	30	10	30	20	30	20	30	20	30	12
60	70	70	60	60	70	40	40	30	30	20	20	45

Date	00	01	02	03	04	05	06	07	08	09	10	11
970301	20	20	20	30	30	[30]	40	70	70	70	70	80
970302	30	30	40	40	30	40	40	80	[90]	90	60	60
970303	20	20	30	10	20	30	—	—	40	40	30	30
970304	10	20	20	10	-60	-10	-70	[-70]	-50	-40	-70	-80
970305	40	40	30	30	30	30	40	[40]	[40]	40	40	50
970306	30	20	20	20	20	10	20	[40]	[50]	50	50	50
970307	20	20	10	0	0	10	0	[10]	30	30	30	50
970308	20	20	30	20	10	10	20	40	[40]	50	40	50
970309	30	20	20	30	20	30	10	[30]	[30]	50	60	80
970310	—	—	—	—	—	—	—	—	10	40	50	60
970311	30	20	30	40	30	40	40	—	—	—	—	—
970312	20	10	10	20	30	40	40	[40]	40	40	40	50
970313	30	30	20	10	20	30	20	[40]	40	40	10	-20
970314	10	10	10	10	20	20	30	[30]	[40]	40	30	40
970315	10	10	10	10	-10	0	0	[0]	[10]	20	30	30
970316	10	20	10	40	40	30	-20	0	-40	-10	0	0
970317	OBS	OBS	OBS	OBS	OBS	OBS	—	+S	OBS	OBS	OBS	OBS
970318	60	60	70	50	40	40	60	[60]	[60]	50	60	60
970319	OBS	OBS	OBS	OBS	+S	20	30	30	—	60	50	—
970320	—	—	—	—	—	—	—	—	—	—	—	—
970321	—	—	—	—	—	—	—	—	—	90	110	110
970322	OBS	-10	10	40	40	[50]	80	80	80	50	70	-S
970323	-30	0	10	10	10	20	40	[80]	[60]	50	50	50
970324	40	-30	10	10	0	-10	—	—	20	20	20	40
970325	40	40	40	40	50	50	70	70	[50]	40	40	40
970326	50	50	40	10	20	50	60	50	(50)	(40)	40	50
970327	10	0	0	10	20	10	10	0	(10)	-20	-20	-10
970328	20	10	10	10	10	20	40	20	—	—	—	—
970329	—	—	—	—	—	—	—	—	—	+S	OBS	OBS
970330	50	40	50	50	40	[40]	40	50	60	50	50	50
970331	40	40	50	50	50	60	[70]	70	70	50	50	20

12	13	14	15	16	17	18	19	20	21	22	23	Means
80	30	30	40	30	70	60	60	70	70	40	30	48
60	40	40	30	30	20	20	30	30	30	10	10	41
10	20	30	40	50	30	20	30	40	40	30	20	—
10	30	40	50	40	50	40	40	20	10	20	30	0
50	50	50	60	50	50	40	30	40	40	30	20	40
50	50	50	40	40	40	40	30	40	30	30	30	35
60	60	70	80	80	80	60	60	70	60	60	40	41
50	60	60	60	50	60	50	50	40	40	30	30	39
90	90	90	80	50	70	70	40	40	—	—	—	—
70	80	80	90	70	80	80	70	50	40	30	20	—
—	—	50	60	50	50	50	50	40	30	20	20	—
70	60	60	50	40	40	40	20	20	30	20	30	36
30	30	20	OBS	OBS	20	—10	—10	0	10	20	10	—
40	30	30	20	20	30	20	30	30	10	20	10	24
30	30	40	40	30	40	40	30	20	10	20	10	19
10	—20	—30	—10	—50	—80	40	—60	0	—200	OBS	40	—12
30	OBS	0	50	30	50	50	30	30	60	70	50	—
40	40	30	40	40	40	40	40	40	30	20	OBS	47
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
50	20	20	10	40	—40	OBS	—40	10	20	80	OBS	—
OBS	OBS	OBS	OBS	20	50	50	80	60	50	60	20	—
70	70	60	40	40	50	50	60	50	50	50	40	41
40	50	40	20	10	10	20	20	40	40	10	10	—
40	50	50	40	10	20	40	0	—40	—30	10	10	32
70	50	50	50	40	40	40	10	10	10	10	0	—
20	40	50	50	50	50	40	50	40	40	20	20	21
—	—	—	—	—	—	—	—	—	—	—	—	—
OBS	OBS	OBS	OBS	50	50	60	60	50	50	50	50	—
40	50	60	60	50	50	50	50	60	60	50	50	50
20	10	20	40	40	—10	—20	40	20	20	10	10	34

Date	00	01	02	03	04	05	06	07	08	09	10	11
970401	20	10	10	20	40	40	50	—	—	40	(50)	80
970402	20	40	20	20	20	40	50	[40]	50	60	60	60
970403	60	50	50	50	40	40	60	[60]	(70)	—	—	—
970404	—	—	—	—	—	—	—	—	OBS	—30	OBS	+S
970405	40	+S	50	50	50	50	[60]	60	50	50	50	40
970406	0	40	OBS	40	OBS	OBS	[40]	50	40	50	60	60
970407	40	40	40	20	0	50	—	—	—	—	—	—
970408	60	50	50	50	60	80	60	—	—	—	—	—
970409	50	40	30	30	20	30	40	[40]	40	40	40	50
970410	40	40	40	40	40	60	[50]	—	—	—	60	60
970411	40	30	20	10	20	20	30	[30]	—	—	30	20
970412	20	30	40	40	40	40	40	[40]	30	30	OBS	OBS
970413	40	40	50	50	40	40	40	[50]	40	40	30	50
970414	30	20	10	10	10	—	—	—	40	40	40	40
970415	0	10	20	20	OBS	OBS	OBS	[40]	40	30	+S	+S
970416	—40	OBS	40	40	30	40	50	[30]	30	80	+S	—S
970417	+S	30	30	30	30	20	[30]	[20]	30	30	30	30
970418	0	10	0	20	30	30	40	[40]	40	30	40	40
970419	10	10	10	10	20	20	[20]	30	40	50	40	50
970420	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	+S
970421	40	50	50	50	50	—	—	—	—	—	—	—
970422	—	—	—	—	—	—	—	—	40	40	30	40
970423	20	30	30	30	30	40	[40]	[50]	50	50	40	40
970424	30	20	20	20	10	30	30	[30]	30	30	30	30
970425	20	10	10	20	10	20	30	[30]	30	30	30	40
970426	30	30	40	40	30	40	[40]	[20]	30	20	20	40
970427	40	30	30	30	40	40	[10]	[20]	20	30	40	30
970428	10	10	10	30	20	30	—	—	30	40	40	40
970429	30	30	30	20	20	—	—	—	—	30	30	20
970430	10	20	10	20	20	20	30	—	20	20	20	10

	12	13	14	15	16	17	18	19	20	21	22	23	Means
	70	60	60	60	60	50	40	40	50	40	20	10	-
	70	80	80	90	90	80	60	80	70	70	50	50	56
	-	-	-	-	-	-	-	-	-	-	-	-	-
OBS	50	OBS	-S	20	70	60	60	60	70	OBS	40	-	-
	40	0	-10	-10	-60	-120	20	20	-30	-70	-90	-40	9
	70	80	90	60	OBS	80	80	80	90	OBS	20	50	-
	-	-	-	OBS	80	80	80	70	70	70	70	60	-
	30	60	60	60	60	50	50	60	60	40	50	50	-
	50	60	50	50	40	40	30	40	50	50	40	40	41
	60	50	40	30	40	40	40	30	30	30	30	30	-
	20	30	10	-10	-10	OBS	OBS	OBS	OBS	40	40	30	-
	20	20	40	10	-S	-S	OBS	OBS	OBS	OBS	40	40	-
	50	40	30	40	40	40	40	40	50	50	40	40	42
	40	40	40	40	40	50	50	30	30	20	20	10	-
OBS	OBS	OBS	0	40	30	40	40	40	30	+S	30	10	-
+S	OBS	30	-S	30	50	40	OBS	30	50	30	10	-	-
	30	30	30	30	0	-10	0	-10	0	10	0	0	18
	40	40	40	40	40	40	30	30	30	30	20	10	30
	50	40	40	40	40	40	30	40	40	40	40	30	33
	50	10	0	30	50	50	70	70	80	70	60	50	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
	40	40	40	40	30	30	40	40	40	40	40	30	-
	40	40	40	40	40	40	40	30	30	40	40	30	38
	30	40	40	40	30	30	30	20	10	20	20	20	27
	40	40	30	30	30	30	30	30	40	40	30	20	28
	40	50	60	-10	60	40	70	70	70	80	70	30	42
	40	40	30	30	30	40	30	30	30	10	-10	10	28
	30	40	20	OBS	40	60	70	40	40	40	40	40	-
-20	OBS	OBS	10	20	30	40	30	30	30	30	30	20	-
	10	20	30	30	20	20	20	20	20	20	30	20	20

Date	00	01	02	03	04	05	06	07	08	09	10	11
970501	20	20	20	20	20	20	[10]	30	30	40	40	40
970502	30	30	40	40	70	60	[60]	[60]	60	60	70	70
970503	10	10	20	10	10	20	30	40	[40]	40	30	30
970504	0	0	0	0	0	0	10	[10]	10	20	20	30
970505	10	10	10	10	10	—	—	—	—	20	20	10
970506	10	0	10	10	20	20	20	[30]	20	30	30	20
970507	10	10	+S	OBS	OBS	30	40	[30]	40	40	40	OBS
970508	30	30	20	20	10	30	30	[30]	30	30	30	10
970509	20	10	10	10	10	20	[20]	[10]	20	10	10	10
970510	30	30	20	20	[30]	30	40	40	40	30	40	40
970511	10	10	10	10	10	20	[20]	40	40	40	30	10
970512	20	10	10	10	10	—	—	—	40	40	40	40
970513	10	10	10	10	10	20	30	[30]	—	—	—	—
970514	—	—	—	—	—	—	—	—	—	—	50	40
970515	30	30	10	10	10	40	[40]	0	40	OBS	40	40
970516	40	40	40	30	40	50	50	[40]	40	60	80	80
970517	10	30	30	10	40	50	50	[40]	40	50	50	60
970518	50	50	50	40	50	50	40	[40]	40	50	50	50
970519	50	40	40	40	30	40	40	[30]	40	40	50	60
970520	50	50	40	50	50	60	—	—	—	—	—	—
970521	—	—	—	—	—	—	—	—	60	40	50	40
970522	OBS	OBS	OBS	—S	—S	—S	—S	—S	—90	—240	—160	—60
970523	0	0	10	0	0	30	40	[60]	[0]	30	40	50
970524	100	80	10	10	0	30	[60]	90	80	80	80	50
970525	10	30	30	30	30	40	50	[50]	50	50	50	50
970526	30	30	30	10	10	—	—	—	—	—20	10	0
970527	30	30	20	20	30	30	30	[30]	30	0	—S	30
970528	40	50	50	—S	OBS	OBS	—10	[—S]	OBS	—10	0	20
970529	30	40	40	40	40	40	50	[50]	40	40	40	40
970530	10	30	40	—60	30	40	50	[40]	30	30	40	30
970531	40	40	40	40	40	40	[50]	40	40	30	30	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	30	40	20	20	20	20	10	10	10	20	30	24
70	80	70	70	60	60	40	40	40	30	20	10	52
30	40	40	40	40	40	30	40	40	30	20	10	29
30	30	40	30	40	30	20	10	10	10	20	10	16
10	0	-10	20	20	20	20	20	10	10	0	-10	-
10	20	20	30	30	30	30	30	OBS	OBS	OBS	10	-
60	30	40	40	40	40	20	+S	OBS	80	30	30	-
0	20	20	20	0	20	30	30	30	30	30	20	23
30	30	30	30	30	40	40	30	30	30	30	40	23
40	40	30	30	20	20	10	20	20	20	10	10	28
10	10	10	20	10	20	20	20	20	10	10	10	18
40	40	40	40	30	20	10	10	20	20	10	10	-
-	-	-	-	-	-	-	-	-	-	-	-	-
60	80	90	90	80	60	60	60	50	50	50	40	-
50	50	60	60	50	50	40	50	40	40	40	40	37
80	80	90	80	50	40	30	30	30	10	30	30	49
60	60	80	90	40	OBS	10	30	30	30	40	40	42
80	60	80	60	50	50	40	30	40	40	40	50	49
80	80	60	60	50	50	40	40	40	30	40	40	46
-	-	-	-	-	-	-	-	-	-	-	-	-
50	50	60	80	50	30	10	30	+S	OBS	+S	OBS	-
-70	OBS	0	30	-10	0	0	10	10	10	0	10	-
50	OBS	40	50	40	30	OBS	-S	30	40	30	10	-
50	50	-30	-10	-60	0	40	30	40	-10	-30	-10	30
50	60	60	80	50	50	50	50	40	30	40	30	44
30	30	40	40	40	40	40	30	30	20	10	20	-
OBS	OBS	OBS	40	40	50	40	40	40	40	40	40	-
10	0	20	30	30	OBS	30	30	+S	40	40	40	-
50	50	50	50	50	50	50	40	40	30	20	10	41
+S	OBS	OBS	OBS	30	30	40	40	40	40	40	40	-
40	40	40	40	40	40	40	40	40	50	50	50	41

Date	00	01	02	03	04	05	06	07	08	09	10	11
970601	50	60	50	40	40	50	[50]	[50]	50	60	50	50
970602	40	40	40	40	50	—	0	[40]	30	30	40	30
970603	40	40	40	40	30	40	40	[40]	40	70	70	60
970604	20	10	10	10	30	80	90	[80]	70	80	70	70
970605	10	20	20	10	20	30	30	[30]	30	30	30	30
970606	0	+S	+S	−10	10	30	80	[100]	70	100	60	0
970607	OBS	−30	0	10	10	20	[10]	30	70	60	60	40
970608	80	70	60	30	40	40	40	[30]	40	80	80	80
970609	40	40	40	40	40	—	—	—	30	30	60	70
970610	20	20	20	20	30	40	40	[30]	60	80	80	80
970611	0	10	10	20	30	40	20	[20]	30	40	60	60
970612	30	30	30	30	40	40	40	(40)	70	70	80	60
970613	30	30	30	30	20	10	—	[40]	40	40	40	40
970614	30	30	30	30	40	40	30	[40]	60	80	80	80
970615	80	80	60	40	40	80	110	[110]	80	40	40	40
970616	30	20	10	20	20	30	30	—	[40]	40	30	40
970617	10	40	40	30	30	60	OBS	−S	[−30]	+S	90	40
970618	20	10	−40	0	10	20	40	[60]	−10	60	+S	OBS
970619	60	60	60	60	40	60	60	[70]	40	40	40	40
970620	30	−S	10	40	40	30	20	[40]	20	140	+S	40
970621	30	30	30	30	40	60	40	[40]	40	40	40	60
970622	20	30	30	40	40	60	[40]	[40]	40	60	60	70
970623	OBS	OBS	OBS	−S	OBS	+S	−30	—	80	110	70	40
970624	30	20	20	20	40	60	40	[60]	30	40	40	+S
970625	20	20	30	20	40	60	[70]	[80]	60	70	80	80
970626	30	30	30	30	30	40	40	[40]	30	30	20	30
970627	40	30	30	30	30	30	30	[20]	10	10	20	30
970628	20	20	20	20	30	40	[40]	30	30	40	60	60
970629	10	10	10	20	30	40	[30]	[40]	30	80	90	90
970630	40	30	40	30	30	30	—	[40]	40	40	50	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
50	50	60	60	50	40	30	40	40	40	40	40	48
20	20	30	30	30	40	40	40	40	40	40	40	34
80	80	80	80	60	40	+S	OBS	10	90	30	30	—
70	70	80	80	60	40	30	20	20	10	10	10	47
30	40	30	30	40	40	30	20	10	10	20	+S	26
70	70	70	40	—S	70	70	10	OBS	0	—80	—60	—
40	60	60	+S	+S	10	+S	10	20	30	40	60	—
80	70	70	70	60	70	60	40	40	40	40	40	—
90	80	90	90	70	70	60	40	30	30	30	30	—
60	80	70	60	40	20	10	0	0	0	10	10	37
60	70	70	70	60	40	40	30	30	30	30	30	38
90	0	OBS	40	70	60	40	40	30	40	40	30	45
60	60	80	90	70	60	40	40	30	30	30	20	42
70	—120	OBS	OBS	OBS	OBS	OBS	—100	—S	—40	80	80	—
60	40	60	70	70	80	80	40	40	60	40	40	62
60	70	60	40	OBS	OBS	30	30	10	20	—10	—S	—
40	40	40	40	OBS	OBS	OBS	+S	+S	OBS	OBS	30	—
30	60	40	110	70	OBS	OBS	20	30	60	60	70	—
40	30	40	OBS	OBS	OBS	0	20	20	10	30	—30	—
40	10	—10	20	30	30	30	30	30	30	30	30	—
60	70	80	70	60	40	30	30	30	40	40	30	44
60	60	60	40	30	10	20	20	20	20	—S	OBS	—
30	30	30	40	20	30	30	30	30	40	40	30	—
OBS	OBS	OBS	—10	+S	OBS	20	20	20	20	20	20	—
80	80	70	80	70	60	40	40	40	40	40	30	54
30	30	30	40	40	60	40	40	40	40	40	40	35
40	40	30	30	30	40	40	30	30	40	40	30	30
60	70	80	80	80	60	30	30	20	30	20	10	41
90	80	80	90	90	70	60	40	40	40	30	30	51
30	OBS	50	40	40	40	40	40	40	OBS	OBS	20	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
970701	50	60	80	OBS	OBS	20	20	[30]	40	10	50	60
970702	10	20	20	20	30	40	[40]	[50]	40	70	60	60
970703	40	40	30	30	20	40	30	[40]	40	40	40	40
970704	30	30	30	30	40	40	[40]	[40]	40	60	80	90
970705	40	40	50	40	40	30	OBS	[30]	OBS	OBS	OBS	OBS
970706	30	30	20	20	20	OBS	OBS	OBS	OBS	50	-120	-80
970707	30	30	20	20	30	20	0	-	0	10	10	30
970708	-80	-90	-50	-10	-50	-60	-50	20	50	80	80	60
970709	40	40	40	40	40	40	[40]	50	80	60	60	50
970710	40	40	50	40	40	60	[60]	50	70	80	80	80
970711	30	30	30	20	20	[30]	[40]	40	40	40	30	20
970712	40	40	30	30	[20]	20	30	30	40	50	60	80
970713	10	10	10	10	10	10	20	[30]	30	40	60	OBS
970714	0	10	20	30	40	[70]	-	80	70	90	80	90
970715	20	10	20	20	30	[40]	30	40	40	40	40	-S
970716	30	30	20	20	30	30	30	[40]	30	60	40	70
970717	20	30	30	40	30	40	40	[60]	40	60	70	60
970718	10	20	40	0	-20	10	[0]	[10]	30	20	30	60
970719	20	10	20	20	[30]	-	OBS	30	0	-10	30	30
970720	40	40	30	30	30	30	40	[30]	30	30	30	30
970721	20	30	30	40	30	[40]	-	50	30	40	20	20
970722	20	20	20	20	10	20	20	[20]	20	30	30	40
970723	30	20	30	20	30	40	-	-	-	-	80	80
970724	10	20	10	10	10	20	40	[40]	40	60	70	80
970725	30	30	40	40	30	30	30	[40]	50	50	60	60
970726	30	30	30	30	40	50	40	[30]	30	40	40	40
970727	50	50	50	50	40	50	[40]	40	40	50	50	50
970728	20	20	30	30	30	40	-	-	60	70	80	70
970729	20	10	10	10	10	30	30	40	OBS	OBS	-S	OBS
970730	20	20	10	20	30	30	60	[40]	40	60	80	80
970731	20	10	20	10	20	30	[40]	40	60	90	90	90

12	13	14	15	16	17	18	19	20	21	22	23	Means
50	20	OBS	OBS	OBS	40	40	30	30	30	20	20	—
60	70	70	70	40	40	40	30	30	20	30	40	42
60	60	60	60	40	40	40	40	40	40	40	30	41
80	80	80	70	60	60	50	40	30	40	40	40	51
50	80	80	60	50	40	30	30	40	40	30	30	—
—30	0	30	70	80	40	30	20	40	40	30	30	—
20	—30	20	20	0	—10	10	20	20	20	0	—30	9
40	20	—30	30	50	80	30	30	40	40	40	40	13
40	60	60	60	60	80	60	60	60	70	60	50	54
80	90	100	80	40	30	10	30	0	+S	30	30	53
30	30	40	40	40	40	40	40	40	30	30	30	33
—S	OBS	40	70	40	30	20	10	20	10	20	10	—
30	OBS	OBS	70	30	30	20	10	10	0	0	10	—
80	90	90	90	70	40	30	30	30	30	40	30	53
OBS	+S	OBS	20	90	60	30	10	10	10	20	30	—
70	40	80	80	40	40	30	40	30	30	30	30	40
70	70	70	70	60	80	OBS	OBS	20	40	30	80	—
70	30	—20	10	70	40	30	30	20	10	20	20	23
30	0	10	40	70	40	30	40	30	40	40	40	—
30	20	40	40	30	40	30	30	20	20	20	20	20
10	20	30	30	30	30	10	10	20	10	10	20	25
40	40	40	40	40	50	50	40	40	40	40	30	32
80	90	80	50	40	40	OBS	+S	OBS	40	20	20	—
80	90	80	80	50	50	40	70	30	20	20	20	44
50	40	50	50	40	40	40	40	40	40	40	30	41
40	30	30	30	30	40	40	40	40	40	40	50	37
60	60	60	50	50	50	40	40	40	30	30	30	46
60	80	70	80	60	60	40	40	40	40	30	20	—
90	60	30	10	30	20	30	30	10	10	20	20	—
80	90	90	90	60	40	30	30	20	20	20	10	45
80	90	90	90	120	OBS	OBS	OBS	OBS	OBS	OBS	OBS	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
970801	OBS	OBS	-170	-200	-40	-10	40	[100]	80	30	20	30
970802	30	30	30	30	30	[30]	40	40	60	60	70	60
970803	20	10	20	20	20	20	[20]	20	10	10	30	40
970804	30	30	20	20	20	30	-	-	50	60	60	70
970805	40	30	10	-10	-10	10	20	[40]	60	60	60	80
970806	40	40	10	40	50	50	-S	+S	70	40	40	60
970807	40	40	30	30	40	60	[50]	[50]	60	70	70	70
970808	30	30	30	40	40	50	[40]	[40]	50	60	70	80
970809	30	20	30	20	-	[40]	40	40	30	30	40	50
970810	10	20	20	30	50	40	[40]	[40]	40	50	+S	OBS
970811	20	20	10	10	20	20	-	-	40	60	80	90
970812	10	0	0	0	0	20	40	[40]	60	60	80	90
970813	30	20	20	20	20	30	[40]	40	70	80	90	90
970814	10	10	10	0	10	30	40	[30]	40	40	80	90
970815	40	30	10	20	20	[30]	60	70	40	40	40	90
970816	30	20	20	20	30	[30]	20	30	30	40	60	80
970817	30	30	40	30	30	[40]	40	40	40	60	70	80
970818	30	30	60	OBS	+S	(OBS)	[40]	-	70	40	50	50
970819	-20	10	40	40	40	70	70	[40]	40	40	40	40
970820	20	30	20	20	40	70	70	[40]	40	40	40	40
970821	10	10	10	10	10	30	60	[40]	40	40	60	80
970822	10	10	10	10	10	20	[40]	40	40	50	60	60
970823	10	10	10	0	10	20	[20]	30	30	40	50	60
970824	30	20	10	10	10	20	[40]	40	40	40	60	80
970825	10	10	20	20	10	(20)	-	-	40	40	80	80
970826	30	20	10	20	30	40	40	[40]	40	60	80	90
970827	30	20	20	20	20	30	[40]	[40]	40	40	80	90
970828	20	20	10	10	10	20	40	[30]	30	40	60	60
970829	30	10	10	10	10	-S	90	[40]	100	40	30	60
970830	30	30	40	30	[20]	40	40	40	30	40	40	30
970831	60	40	40	30	20	20	[30]	30	30	40	40	60

	12	13	14	15	16	17	18	19	20	21	22	23	Means
	20	30	-10	30	20	30	40	40	30	40	40	30	-
OBS	60	60	30	30	40	40	30	40	40	40	40	40	42
	30	30	40	40	30	40	40	40	30	30	30	20	27
	80	80	80	80	60	50	40	30	30	30	30	30	-
	80	40	60	80	50	40	30	10	20	30	30	40	37
	60	60	60	70	60	50	50	40	50	40	40	40	-
	80	90	80	80	70	60	50	50	40	30	30	30	54
	80	80	90	80	50	40	20	20	20	20	30	20	46
	50	50	40	40	30	20	40	20	20	20	-10	OBS	31
	70	50	50	50	50	40	30	30	30	30	30	20	-
	90	100	90	70	30	20	30	30	20	10	10	10	-
	90	90	90	80	60	40	30	20	20	20	20	20	41
	90	90	90	80	60	30	10	20	30	40	40	30	48
100	100	40	20	60	60	40	40	40	40	40	40	40	42
OBS	OBS	+S	30	0	-20	-40	-20	-30	-30	0	20	20	-
	90	90	100	80	70	40	30	30	30	40	30	20	44
	90	90	90	70	60	40	40	40	30	20	20	20	48
	80	OBS	OBS	OBS	30	20	-10	-10	10	-10	0	-20	-
	50	40	50	40	30	10	10	10	10	20	10	10	32
	50	40	50	40	30	10	10	10	10	20	10	10	32
	70	80	60	40	40	30	20	10	10	10	20	20	34
	70	70	80	70	40	30	20	20	10	10	10	10	33
	70	80	70	50	40	20	+S	OBS	OBS	+S	10	20	-
	80	90	90	70	40	30	30	20	10	10	10	10	37
	90	100	90	80	60	40	40	40	30	20	20	20	-
100	100	100	70	40	30	30	20	20	20	20	40	40	46
	90	100	100	60	40	20	20	20	10	10	10	30	41
	60	70	60	40	40	30	40	40	40	40	60	40	38
	30	20	30	40	30	30	40	40	40	30	30	40	36
	20	10	30	10	20	30	10	30	20	0	20	30	27
	40	60	60	40	40	40	40	40	40	40	30	20	39

Date	00	01	02	03	04	05	06	07	08	09	10	11
970901	30	20	30	20	30	40	–	40	40	60	80	80
970902	40	30	20	20	30	40	50	[40]	40	40	50	60
970903	30	30	20	20	20	30	50	[40]	50	60	70	70
970904	10	20	10	30	30	30	40	[40]	30	30	40	40
970905	20	10	20	20	20	20	20	[30]	40	40	50	50
970906	40	40	40	40	40	[40]	40	40	50	40	60	70
970907	40	20	OBS	+S	[20]	40	60	80	80	90	60	–S
970908	30	30	30	30	40	–	–	70	40	40	60	60
970909	30	40	30	40	30	[0]	30	40	60	60	30	30
970910	30	30	40	40	40	40	40	[30]	40	40	30	40
970911	30	30	30	20	30	30	[30]	30	40	40	60	70
970912	30	30	20	0	10	30	40	40	40	40	40	70
970913	30	40	30	30	[30]	[40]	60	60	60	40	70	70
970914	OBS	OBS	+s	40	40	70	90	[70]	80	80	70	80
970915	40	40	30	30	30	30	–	60	70	80	90	90
970916	40	40	40	40	30	40	[40]	[40]	30	40	60	60
970917	30	40	40	30	30	40	60	[60]	60	70	70	70
970918	30	40	40	40	60	40	[100]	90	60	40	40	60
970919	40	40	40	40	40	40	[60]	[40]	40	40	40	70
970920	10	20	30	40	[30]	40	60	60	60	70	70	70
970921	30	20	20	20	[10	20	30	40	40	60	70	70
970922	20	20	20	20	10	–	–	40	40	40	40	60
970923	20	20	30	40	30	30	40	[70]	60	60	40	40
970924	40	40	30	30	20	30	[30]	30	30	40	40	40
970925	40	40	30	30	30	40	[60]	70	70	70	70	70
970926	20	20	20	20	20	20	30	[40]	60	60	60	60
970927	20	20	20	10	10	[10]	[30]	30	30	40	40	40
970928	30	20	20	30	10	10	[20]	20	20	20	30	30
970929	10	20	20	10	20	30	[30]	–	40	40	50	50
970930	(20)	10	10	10	0	0	10	[20]	30	20	10	10

12	13	14	15	16	17	18	19	20	21	22	23	Means
80	80	80	80	70	60	40	40	50	40	40	40	51
60	70	80	50	40	40	30	30	20	20	30	30	40
70	70	80	60	40	40	40	30	20	20	20	20	42
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60	70	50	50	40	40	40	40	40	40	40	40	30
80	60	OBS	OBS	OBS	OBS	20	30	40	80	OBS	30	—
10	+S	OBS	OBS	OBS	50	40	40	50	40	20	20	—
80	80	90	60	30	30	40	40	40	20	30	30	—
40	60	60	60	60	60	40	40	40	40	30	30	41
30	30	30	30	30	40	40	40	40	40	40	40	37
70	80	60	40	40	40	30	20	30	10	20	20	38
70	60	60	60	60	40	40	40	30	30	30	20	39
60	70	70	+S	OBS	OBS	20	30	40	30	-20	OBS	—
80	60	60	70	70	70	60	40	40	40	40	40	—
90	80	80	80	90	80	70	60	70	60	40	40	62
60	60	40	40	40	40	30	30	30	40	40	30	41
70	70	70	60	60	40	40	40	60	40	40	40	51
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70	80	40	30	20	-20	20	30	30	60	30	10	39
70	60	60	60	60	60	40	40	40	40	20	20	47
70	70	60	30	30	30	40	40	30	20	20	20	37
60	70	60	40	40	40	40	40	40	30	30	20	—
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40	40	60	60	60	70	70	80	70	40	40	40	45
70	60	60	40	30	30	40	40	40	30	20	20	46
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40	40	40	40	40	30	30	20	10	10	10	10	24
50	60	50	40	40	40	40	40	30	30	30	30	35
20	10	10	10	20	10	20	10	10	20	20	40	14

Date	00	01	02	03	04	05	06	07	08	09	10	11
971001	30	30	20	0	0	[20]	40	OBS	-s	30	30	30
971002	20	30	50	60	80	70	80	80	80	80	110	70
971003	30	0	10	10	10	20	[30]	40	40	50	40	30
971004	30	40	30	20	10	20	[30]	40	40	40	40	40
971005	30	30	20	20	[30]	40	40	40	40	50	60	60
971006	30	30	30	20	20	20	30	-	40	60	70	70
971007	10	10	20	20	120	100	110	110	80	40	40	30
971008	30	20	20	20	30	[30]	40	60	40	70	70	80
971009	20	10	20	60	80	90	[90]	[70]	70	70	60	60
971010	20	20	10	20	30	20	[20]	[30]	60	70	60	60
971011	40	40	30	30	40	40	[40]	40	40	40	30	30
971012	20	30	20	20	30	10	30	30	70	80	70	70
971013	40	40	40	40	30	40	-	-	40	50	40	40
971014	20	20	20	20	10	10	[40]	50	50	40	40	40
971015	50	50	40	20	20	50	50	[50]	50	50	40	40
971016	50	10	10	10	50	40	[10]	[40]	70	40	0	50
971017	50	50	50	50	40	[40]	50	40	40	50	50	50
971018	50	50	40	40	20	20	40	[20]	40	50	50	50
971019	20	40	20	20	10	10	[0]	10	10	10	40	50
971020	50	50	50	60	70	80	[50]	-	-	60	70	60
971021	30	10	30	30	30	20	0	[-10]	10	20	30	40
971022	40	40	30	30	20	20	[30]	[30]	30	20	10	10
971023	40	40	40	40	30	20	[10]	50	50	40	40	40
971024	40	40	40	30	30	40	30	[20]	30	10	10	20
971025	30	30	30	20	20	30	[10]	20	30	40	30	40
971026	10	0	-40	0	20	20	40	70	[50]	50	40	30
971027	0	10	10	10	20	30	30	-	-	[50]	40	60
971028	60	50	60	40	40	50	50	[60]	[70]	70	70	60
971029	60	50	40	30	30	40	50	[60]	[60]	40	70	70
971030	40	30	40	40	40	40	40	[40]	[60]	40	40	50
971031	40	40	40	50	40	40	50	70	[70]	60	50	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
10	20	20	20	10	10	10	10	10	20	20	OBS	—
70	0	50	30	50	+S	40	40	50	50	0	20	53
30	30	20	40	30	0	30	50	60	40	40	40	30
50	60	40	40	30	20	30	40	40	40	40	40	35
70	60	50	40	40	40	40	50	40	40	50	40	43
80	80	60	40	40	30	30	30	20	10	10	10	37
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90	90	80	60	60	40	40	40	30	20	20	20	46
40	40	40	40	20	20	30	10	20	20	10	10	42
70	60	40	40	20	30	20	10	30	40	30	60	36
40	40	30	40	20	30	40	30	20	30	10	0	32
70	60	80	80	60	40	60	60	40	60	60	60	50
40	50	50	50	50	50	50	60	50	50	50	40	—
40	40	50	50	60	60	50	70	60	50	60	40	41
40	50	20	0	—40	—30	20	60	50	20	20	40	32
50	60	70	60	50	60	80	90	60	80	70	60	49
50	50	50	50	50	50	60	60	50	50	40	50	49
50	50	50	60	50	50	50	50	50	40	40	20	43
60	60	60	60	60	50	50	20	0	10	10	40	30
60	60	50	50	50	60	40	40	40	50	30	40	—
40	40	50	70	80	80	70	50	40	40	40	40	37
0	10	30	30	20	10	10	20	30	40	40	50	25
40	40	40	40	30	30	30	40	40	40	40	30	37
20	30	30	30	30	30	30	30	40	30	30	40	30
40	40	40	40	40	40	40	50	30	20	10	10	30
30	50	60	50	50	40	40	40	40	20	20	30	32
70	70	60	60	50	70	70	70	70	80	80	70	—
70	70	80	60	50	60	80	80	80	80	80	70	64
60	70	60	60	80	100	90	80	90	70	80	40	62
50	50	40	50	50	80	70	60	60	50	40	50	48
60	60	50	50	60	50	40	50	50	40	30	30	49

Date	00	01	02	03	04	05	06	07	08	09	10	11
971101	30	40	40	30	40	30	30	[20]	30	30	40	40
971102	40	30	40	50	50	50	40	40	[40]	40	40	40
971103	40	40	30	30	40	50	50	[40]	-	40	50	50
971104	50	40	40	40	40	40	50	40	[40]	30	30	30
971105	-70	-40	-30	-60	-60	-10	[-30]	-20	-10	-30	-20	-10
971106	-80	-40	-70	-60	-80	-60	-70	-80	[-80]	-60	-60	-40
971107	-10	-10	-10	-10	-20	-20	-10	[0]	10	0	20	30
971108	20	20	30	30	10	20	40	30	[30]	30	40	30
971109	40	40	30	30	30	20	20	[20]	0	0	10	10
971110	30	70	80	70	50	-	-	-	-	70	80	+S
971111	40	20	20	20	10	30	60	80	[40]	60	70	OBS
971112	20	40	40	40	30	40	[40]	30	30	30	40	30
971113	20	30	30	30	10	10	10	10	-	-	-40	0
971114	20	20	10	0	30	30	30	30	30	30	30	70
971115	40	60	40	60	40	60	60	[70]	80	90	110	110
971116	30	20	30	40	30	-80	-170	[-160]	-110	-160	-60	-90
971117	20	30	20	10	10	10	20	10	10	[10]	-	40
971118	50	40	30	30	40	50	30	10	[30]	60	70	70
971119	80	70	50	60	60	60	60	90	90	[80]	80	80
971120	30	40	10	20	10	10	30	30	-	[30]	30	50
971121	70	70	60	60	60	60	70	30	[30]	40	30	10
971122	70	80	100	110	110	70	90	[100]	100	100	90	80
971123	50	50	40	30	30	20	20	20	[30]	40	40	50
971124	70	120	80	110	OBS	OBS	+S	60	-	40	50	70
971125	0	20	0	20	10	40	30	0	[-30]	10	0	0
971126	-30	-30	-40	-30	-10	10	30	40	20	-10	+S	OBS
971127	40	40	30	20	40	50	40	40	[60]	50	50	60
971128	50	30	30	60	50	50	50	70	[50]	50	50	40
971129	30	40	40	50	30	40	50	60	[80]	60	30	40
971130	40	40	40	20	-50	-50	0	20	[10]	20	40	20

12	13	14	15	16	17	18	19	20	21	22	23	Means
40	50	50	50	30	20	0	0	10	10	20	30	30
40	50	40	40	50	50	50	40	50	40	30	30	42
60	60	50	70	70	70	50	60	50	60	50	40	50
30	30	30	20	20	0	-20	0	-10	-20	-10	-60	20
20	10	-10	-10	-30	-20	-60	-80	-70	-70	-90	-70	-36
-20	-10	-30	-20	-10	0	10	10	0	-10	-10	-20	-37
40	40	40	40	40	40	30	20	20	20	20	30	15
0	10	20	(20)	20	40	60	70	50	30	40	40	31
20	20	30	30	30	0	-10	50	30	40	20	20	22
60	70	70	70	90	80	70	60	60	60	40	40	-
20	70	70	40	60	60	40	40	70	40	60	40	46
30	40	40	40	30	40	40	60	30	-S	OBS	+S	-
-100	-70	-10	-20	-80	-150	-130	-20	-10	-30	-20	-20	-
60	60	70	60	60	40	40	40	40	30	40	40	38
100	90	100	90	90	91	100	100	90	90	90	60	80
-20	-70	-10	30	0	-80	-10	20	40	80	90	60	-23
30	30	20	30	30	30	50	70	50	50	40	30	28
70	50	50	70	60	90	-S	-30	50	90	60	70	50
60	50	50	40	50	50	50	50	40	40	40	30	59
50	50	50	30	20	20	20	20	20	20	60	60	31
-30	20	-100	-30	70	90	70	110	140	120	100	40	50
70	70	70	50	50	60	60	50	50	60	50	60	75
50	60	50	20	-10	0	-50	-50	-60	-30	40	90	22
90	80	80	100	120	90	100	120	110	80	70	70	-
10	0	-10	-20	-20	-10	-50	-50	-40	-40	-30	-10	-7
50	50	70	50	40	60	140	80	40	50	40	40	-
70	70	50	50	50	70	120	70	40	40	20	40	50
50	50	50	40	50	50	60	70	60	70	50	30	50
40	30	50	50	50	50	40	30	20	20	30	20	41
20	-20	10	-10	-10	-50	20	20	10	20	10	10	10

Date	00	01	02	03	04	05	06	07	08	09	10	11
971201	10	0	10	0	10	10	10	[20]	–	20	10	–50
971202	80	80	70	40	40	70	60	60	[80]	40	40	30
971203	30	30	30	30	40	70	40	[30]	40	40	60	30
971204	30	30	20	20	30	30	20	30	[40]	80	70	70
971205	60	40	60	40	40	60	60	40	[60]	60	70	60
971206	40	40	70	70	70	70	70	70	[90]	100	100	100
971207	90	80	70	60	60	80	90	100	[110]	90	60	30
971208	140	170	200	230	130	90	90	–	–	90	80	80
971209	40	50	50	50	60	80	80	80	[80]	50	60	70
971210	20	50	30	30	80	100	120	80	[80]	60	80	40
971211	20	10	50	80	30	50	30	30	[40]	60	70	50
971212	70	50	80	70	–90	–90	20	10	[50]	–140	30	40
971213	40	30	40	40	30	40	50	[50]	50	50	40	30
971214	20	30	30	40	40	50	50	60	[50]	30	40	40
971215	70	70	90	80	90	80	70	–	–	30	40	40
971216	20	10	0	–70	–40	–10	20	0	10	50	0	10
971217	30	30	20	10	30	30	40	40	[50]	40	30	40
971218	–70	–80	–50	–40	–50	–50	–50	–50	[–50]	–50	–40	–40
971219	–100	–100	–90	–80	–130	–60	–60	–70	[–50]	–80	–70	–50
971220	20	30	40	40	–20	30	70	80	[80]	50	60	70
971221	90	70	90	80	130	130	140	100	[80]	120	150	120
971222	40	50	30	–100	–20	0	–20	–	–	0	50	70
971223	50	50	70	50	40	50	50	30	[30]	60	70	60
971224	50	30	30	30	20	30	30	40	[40]	30	30	40
971225	30	70	120	120	70	–10	0	–50	30	60	60	50
971226	50	70	50	30	40	30	40	[50]	–S	10	–S	–50
971227	40	30	30	30	30	30	40	[50]	50	60	60	70
971228	30	40	40	40	40	40	40	40	[40]	40	40	50
971229	30	30	30	30	30	40	40	40	–	–	30	40
971230	30	30	40	40	30	40	40	[40]	40	60	70	60
971231	80	80	80	90	80	80	120	140	[130]	120	110	110

12	13	14	15	16	17	18	19	20	21	22	23	Means
-40	-10	-30	20	30	40	40	70	80	90	80	70	21
40	70	60	40	60	60	60	40	30	30	0	30	50
30	20	10	10	20	20	30	40	40	10	0	10	30
70	70	70	60	70	80	80	90	80	80	70	70	57
70	80	70	40	80	70	70	80	80	80	60	40	61
90	100	90	80	80	80	70	80	70	80	90	90	79
80	200	140	160	160	100	10	10	10	10	60	110	75
90	100	90	90	80	80	750	660	60	60	50	40	-
60	60	40	-20	-10	10	-50	-60	-90	-100	-70	40	23
40	30	0	-40	-60	-80	-50	-20	-10	-10	30	30	26
80	70	30	-10	30	50	70	80	70	100	80	80	52
60	60	50	40	40	30	50	50	60	50	40	50	28
30	40	30	40	30	50	70	50	30	40	40	50	41
50	30	60	80	20	40	60	60	70	70	60	80	48
30	30	0	-50	-50	-40	0	20	40	40	30	30	-
0	20	10	10	50	80	80	80	70	40	40	10	20
40	30	20	0	-20	-50	-40	-40	-30	-30	-30	-50	8
-70	-50	-40	-50	-80	-60	-80	-60	-80	-50	-60	-80	-58
-110	-100	-70	-80	-50	-50	-50	-100	-100	-50	0	30	-70
10	20	20	-10	-10	-	-	80	30	30	30	30	36
80	50	50	50	80	80	90	130	90	40	20	30	87
80	80	90	80	80	100	110	90	80	70	70	50	-
50	50	50	50	60	80	80	90	80	80	80	40	58
50	50	40	30	10	20	50	70	80	110	60	30	42
50	50	50	60	70	60	60	50	50	60	50	60	51
+S	-	-	30	30	30	40	20	30	20	30	50	-
70	60	50	50	50	50	50	50	40	40	40	20	45
50	60	70	80	70	50	50	40	40	40	30	30	45
40	50	50	40	60	80	70	60	70	50	30	30	-
60	70	80	80	80	60	70	120	120	130	110	110	67
110	90	50	30	40	50	60	50	70	70	30	60	80

*Hourly means of the
1998*

Date	00	01	02	03	04	05	06	07	08	09	10	11
980101	110	110	100	80	70	90	90	100	[70]	[80]	80	70
980102	—	—	—	—	—	—	—	—	—	—	—	—
980103	—	—	—	—	—	—	—	—	—	—	—	—
980104	—	—	—	—	—	—	—	—	—	—	—	—
980105	—	—	—	—	—	—	—	—	—	30	30	40
980106	40	30	30	20	30	20	30	[40]	[60]	70	70	40
980107	50	50	40	30	30	30	40	30	30	80	70	70
980108	70	90	60	70	50	60	60	[50]	70	70	60	90
980109	30	30	30	30	30	30	30	30	(30)	40	30	40
980110	30	30	30	30	30	30	30	[30]	40	40	40	40
980111	30	30	30	20	30	40	40	50	[50]	50	40	50
980112	90	50	60	100	80	60	50	—	—	70	70	40
980113	30	70	50	0	20	30	−10	0	30	10	−10	0
980114	20	30	40	50	60	40	30	[50]	30	30	30	40
980115	30	30	30	20	30	40	40	[50]	40	40	70	60
980116	−10	10	50	50	70	100	110	[130]	80	40	−30	−30
980117	20	30	−20	10	10	10	40	[0]	[40]	30	30	30
980118	60	50	40	40	40	40	40	40	[50]	40	50	60
980119	40	20	40	40	30	0	20	—	—	20	−S	−S
980120	70	70	70	60	30	30	30	[40]	[50]	40	40	30
980121	20	10	10	10	10	0	−30	−10	−10	−10	0	0
980122	50	20	20	20	20	20	10	10	—	—	—	—
980123	40	40	30	40	30	20	20	40	50	[60]	50	70
980124	50	50	40	30	40	70	60	40	[30]	30	20	20
980125	60	70	70	40	50	60	70	[60]	60	40	40	40
980126	30	20	30	20	30	50	50	—	—	70	70	90
980127	70	60	50	50	50	50	40	[40]	0	−10	−10	0
980128	70	70	80	80	100	90	120	[90]	[100]	150	80	50
980129	80	50	40	50	50	50	70	[40]	50	50	50	60
980130	40	50	30	40	30	20	40	[60]	60	60	80	70
980131	60	60	50	50	50	50	40	30	[20]	30	30	30

potential gradient

12	13	14	15	16	17	18	19	20	21	22	23	Means
50	40	30	40	40	50	80	70	60	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
50	60	60	70	80	70	80	60	50	50	30	30	—
50	40	50	50	50	40	50	50	60	50	50	40	44
70	70	80	70	70	50	60	70	70	70	70	90	58
80	80	60	50	80	100	110	90	70	60	40	40	69
40	50	50	30	30	30	30	30	20	10	10	30	31
30	30	30	30	50	60	60	60	70	30	30	30	38
40	30	30	30	30	50	30	30	30	40	40	40	37
60	60	70	70	80	120	120	80	80	30	40	40	—
30	30	60	20	30	50	40	30	50	40	10	0	25
50	20	60	60	40	30	50	80	50	20	20	40	40
60	60	40	40	60	50	50	40	30	10	10	10	39
0	—10	—20	—10	—20	—70	—40	—70	—20	—40	—60	—20	12
30	50	50	40	50	60	60	70	80	70	60	60	38
60	60	60	60	60	60	70	60	60	40	40	40	51
20	20	70	50	0	20	20	20	60	70	60	30	—
40	40	30	30	30	30	30	20	20	20	10	20	37
0	0	0	0	0	0	0	0	10	10	20	20	3
—	70	70	70	70	70	60	60	70	70	60	50	—
70	80	70	60	50	60	70	70	70	50	40	40	51
30	30	30	40	50	60	70	70	70	50	30	20	43
60	60	70	50	30	30	20	20	20	30	30	30	46
110	110	120	120	110	120	90	70	60	60	70	70	—
10	20	40	50	30	30	30	40	20	30	30	40	32
50	40	50	70	70	60	70	70	110	120	70	70	80
60	70	50	70	70	60	50	70	80	80	110	70	62
70	70	60	70	70	70	70	90	70	60	50	40	57
40	40	50	30	50	60	70	60	60	70	70	60	48

Date	00	01	02	03	04	05	06	07	08	09	10	11
980201	60	50	50	50	50	50	60	70	[70]	50	50	50
980202	30	40	50	40	40	50	50	—	—	50	50	60
980203	−30	−20	30	40	60	70	70	[60]	50	70	70	70
980204	70	60	60	50	50	60	60	[110]	120	70	60	70
980205	40	40	50	40	40	50	50	[70]	90	80	90	90
980206	60	50	60	60	50	50	50	[80]	90	90	120	80
980207	70	70	50	40	30	50	50	[70]	70	60	50	50
980208	60	50	30	40	40	40	40	[50]	40	40	40	40
980209	40	40	30	30	30	30	40	—	—	40	50	60
980210	50	30	40	60	50	40	[60]	60	50	60	70	70
980211	50	50	60	40	30	30	30	[40]	60	60	30	40
980212	40	40	30	30	30	40	50	[60]	50	40	60	70
980213	40	30	30	40	30	30	30	[30]	30	20	20	20
980214	20	20	20	20	20	30	40	[50]	50	30	20	20
980215	20	10	10	20	20	30	50	[50]	50	40	20	30
980216	20	20	20	20	20	20	20	—	—	40	40	50
980217	10	0	0	30	20	30	10	[30]	10	20	10	−S
980218	40	30	40	30	30	40	40	[40]	50	40	40	40
980219	50	50	50	50	60	50	60	[70]	[80]	70	70	80
980220	40	40	40	40	50	60	60	[70]	70	60	60	50
980221	−10	−30	−40	−20	−10	−40	−40	−60	(−60)	−30	−20	30
980222	40	50	60	50	40	40	50	[50]	70	90	80	80
980223	40	40	40	30	50	40	40	—	—	40	40	40
980224	20	30	30	30	30	30	60	[50]	50	30	30	30
980225	10	0	0	10	0	10	10	[10]	20	30	30	30
980226	40	30	40	30	40	30	30	[30]	30	30	30	30
980227	30	30	30	30	30	30	30	[40]	50	50	50	60
980228	30	40	30	30	30	30	30	[30]	30	30	30	30

12	13	14	15	16	17	18	19	20	21	22	23	Means
60	50	60	50	40	40	50	50	50	50	40	40	52
60	60	50	40	10	-10	-10	-10	0	-30	-20	-20	-
100	90	60	70	70	70	70	90	110	80	70	70	62
70	60	50	40	40	70	100	110	110	60	30	40	68
80	80	70	80	90	80	120	120	110	100	90	70	76
100	80	70	70	50	80	120	90	90	90	90	80	77
50	40	40	50	40	40	40	50	50	60	70	60	52
40	40	40	40	40	40	50	50	50	40	40	40	43
60	60	60	60	60	60	60	60	70	70	60	50	-
70	70	70	70	100	80	70	70	70	70	80	70	64
30	30	20	20	20	50	40	70	60	70	50	40	43
60	60	60	50	60	50	60	60	60	70	60	40	51
10	20	30	30	30	40	40	10	20	20	20	20	27
20	30	30	20	30	30	30	30	20	20	20	20	27
40	50	40	40	50	50	50	40	30	30	30	20	34
50	70	70	50	40	40	40	50	20	0	20	-30	-
40	50	50	50	50	50	50	50	50	60	50	50	34
40	50	40	40	40	40	50	50	50	50	60	50	43
80	80	70	80	60	50	60	50	40	50	50	50	61
50	50	50	40	30	20	20	30	0	-40	-40	-20	35
50	50	50	40	50	50	30	20	-10	-10	20	40	5
90	90	80	80	60	50	50	60	40	40	40	40	59
60	50	40	30	20	-10	-10	-10	10	10	10	10	-
40	40	40	30	30	20	30	20	-10	20	10	10	29
30	20	30	30	10	20	40	50	40	40	40	50	23
40	40	30	30	60	60	50	30	30	30	30	30	35
40	40	30	30	30	40	30	30	40	40	40	50	38
40	30	40	60	40	40	30	-S	30	30	30	OBS	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
980301	30	30	30	10	-50	-80	-140	[90]	30	40	30	30
980302	20	20	20	20	20	20	10	-	-	20	30	30
980303	40	30	30	30	30	30	30	30	[30]	30	30	30
980304	30	30	30	30	10	20	30	30	[20]	30	30	10
980305	20	30	30	30	20	30	30	30	[50]	0	-120	-80
980306	30	30	30	30	30	30	50	40	30	30	30	30
980307	10	30	30	20	-10	20	30	30	[40]	20	30	30
980308	-10	OBS	-S	-30	10	30	[30]	40	40	30	30	30
980309	30	30	30	30	30	30	20	-	[30]	30	30	30
980310	40	40	40	40	50	60	70	[50]	30	30	40	OBS
980311	30	30	30	30	30	30	60	[70]	70	40	50	60
980312	30	30	30	30	30	30	30	[40]	30	30	40	50
980313	30	40	30	30	30	30	30	50	[30]	90	40	40
980314	30	30	30	20	20	30	30	[30]	30	20	0	10
980315	30	30	30	30	40	40	60	[70]	70	60	50	50
980316	40	50	50	50	60	70	70	-	-	70	70	70
980317	+S	30	30	80	-20	-60	0	100	[20]	-S	-S	OBS
980318	60	40	60	60	90	40	70	80	[90]	90	30	40
980319	30	30	30	30	20	-10	-10	[30]	30	40	40	40
980320	30	30	30	30	30	30	30	[30]	30	30	30	30
980321	50	40	40	40	40	40	50	60	60	50	30	OBS
980322	20	30	40	20	30	30	30	[30]	40	50	50	50
980323	30	40	30	30	30	40	50	-	[30]	50	40	30
980324	30	40	40	30	30	30	50	[50]	50	50	60	60
980325	50	40	30	30	30	40	50	[50]	70	70	60	50
980326	30	30	30	30	30	30	40	[50]	70	60	50	40
980327	20	30	20	30	30	30	30	[30]	40	40	40	40
980328	20	0	10	10	0	10	10	[20]	30	30	30	30
980329	50	70	90	70	70	110	[70]	70	60	60	50	50
980330	0	-10	-20	-10	10	0	-	[20]	30	30	30	30
980331	20	20	20	10	10	20	20	30	30	30	30	[30]

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	60	50	40	40	30	40	50	60	30	30	30	23
40	40	50	50	40	40	40	50	50	40	30	40	—
30	30	30	40	40	50	50	40	20	10	30	30	32
-80	30	40	40	30	20	10	30	30	30	30	30	23
-50	0	-80	-80	10	20	30	30	30	30	30	30	3
30	30	40	[30]	30	30	-20	-40	0	-10	-10	10	20
40	40	40	40	40	30	30	30	30	40	30	20	29
30	30	30	-30	30	30	30	30	30	30	30	30	—
30	30	30	30	40	50	50	50	50	50	40	30	35
OBS	+S	OBS	50	OBS	30	30	30	30	40	30	30	—
70	70	70	70	60	50	30	30	30	40	30	30	46
50	—	—	—	30	30	30	50	40	30	30	30	—
50	40	40	30	30	30	40	50	40	30	30	30	38
10	10	10	20	30	30	-S	30	30	30	-S	30	—
40	40	50	50	50	50	40	40	60	30	60	30	46
70	60	60	70	60	170	80	50	70	70	70	110	—
-S	-S	OBS	-S	-S	-50	-10	-60	-30	30	20	10	—
40	40	40	40	30	50	40	30	30	30	40	30	50
40	OBS	20	OBS	30	50	50	50	50	40	40	50	—
+S	OBS	OBS	OBS	OBS	40	80	70	70	60	50	50	—
OBS	OBS	OBD	70	OBS	60	60	30	30	30	30	+S	—
OBS	OBS	OBS	30	40	30	30	30	30	30	30	30	—
30	40	30	30	30	30	40	60	70	50	60	30	39
70	50	50	40	30	50	60	70	70	60	50	40	48
40	30	30	30	40	50	40	40	40	40	30	30	42
40	40	40	40	30	30	30	30	30	30	20	20	36
50	40	40	30	30	30	30	30	30	30	30	30	33
30	30	60	40	40	40	60	30	0	30	50	30	27
50	40	30	30	30	20	30	30	30	20	10	0	48
30	30	30	30	30	30	30	30	20	20	20	20	19
40	40	40	30	30	30	20	20	20	20	20	20	25

Date	00	01	02	03	04	05	06	07	08	09	10	11
980401	20	30	30	30	30	40	[50]	60	50	60	60	70
980402	30	30	20	20	20	20	OBS	OBS	+S	OBS	20	30
980403	20	20	30	20	20	30	[40]	30	30	20	30	30
980404	10	10	20	20	20	20	[30]	30	30	30	20	20
980405	20	20	20	20	10	10	20	[20]	20	20	20	30
980406	20	-30	OBS	-S	20	30	-	-	10	-20	-10	30
980407	20	20	20	30	30	40	[60]	50	40	30	40	50
980408	60	OBS	OBS	+S	-10	20	[30]	40	50	40	40	40
980409	-40	-80	-20	0	20	30	[40]	40	(30)	40	40	30
980410	30	10	0	0	-20	-60	[-30]	10	30	40	50	40
980411	60	40	OBS	30	40	30	40	[40]	50	40	40	50
980412	50	50	40	40	20	OBS	10	20	40	60	40	30
980413	30	30	30	40	30	30	[40]	40	40	30	20	+S
980414	30	30	30	20	40	30	OBS	-	-30	+S	OBS	OBS
980415	30	20	20	20	30	30	-	-	40	40	30	30
980416	40	40	40	30	30	20	[10]	-60	-130	-130	-50	-110
980417	70	40	20	20	10	20	[40]	50	50	50	40	40
980418	20	10	20	30	40	[30]	40	40	40	40	40	40
980419	20	30	20	20	20	30	20	[30]	30	40	40	40
980420	30	20	30	20	20	30	-	-	20	30	30	30
980421	20	20	20	10	10	[20]	20	30	30	30	30	20
980422	20	20	30	30	30	30	[30]	50	60	40	-S	OBS
980423	20	20	20	20	20	[20]	40	40	40	50	50	40
980424	20	20	20	10	20	20	20	[20]	20	20	20	20
980425	20	20	10	10	[20]	30	70	60	40	20	30	30
980426	20	20	20	20	20	20	30	[20]	20	20	20	20
980427	0	0	0	0	0	10	-	-	30	30	40	40
980428	10	20	10	10	20	30	[20]	30	30	40	40	30
980429	OBS	30	40	40	30	[30]	20	50	10	30	-10	20
980430	10	0	0	30	30	30	40	50	40	30	30	30

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	70	70	60	50	60	50	40	30	30	30	30	47
20	30	OBS	OBS	60	40	60	20	+S	OBS	40	30	—
20	30	20	20	20	20	20	20	20	20	20	20	24
20	20	20	30	30	20	10	20	20	20	30	20	22
30	30	30	30	30	30	30	30	30	20	30	30	24
—S	OBS	20	10	20	30	40	50	40	20	30	20	—
50	—	—	—	—	—	(40)	60	50	30	20	20	—
40	20	+S	OBS	30	+S	OBS	OBS	—S	40	30	—10	—
30	40	40	30	40	40	50	50	40	30	30	30	24
50	40	40	40	30	30	30	—20	30	30	30	40	20
40	40	40	40	40	40	50	50	50	40	30	40	42
30	OBS	50	30	0	80	OBS	0	—30	40	10	20	—
OBS	60	10	10	20	20	30	30	40	40	40	30	31
OBS	70	40	40	40	40	40	30	30	30	30	20	—
30	30	40	30	40	40	40	40	40	40	40	40	—
—180	0	—70	—10	30	40	60	50	60	60	50	50	—5
40	40	50	40	50	50	50	50	40	30	30	20	40
40	40	50	50	40	40	40	30	40	30	10	10	34
40	40	40	40	40	40	40	40	30	30	40	40	33
30	30	30	30	30	30	30	30	30	30	20	20	—
20	20	30	30	30	30	30	30	30	30	40	30	25
OBS	OBS	—S	30	30	30	20	20	20	20	20	20	—
40	40	40	30	30	30	30	20	20	20	20	20	30
30	30	30	+S	20	20	10	10	—10	—10	20	20	17
30	40	50	50	50	50	40	50	30	30	20	20	34
30	30	40	30	20	30	20	20	20	10	10	10	22
40	40	40	40	30	30	30	20	20	20	20	20	—
40	40	40	40	40	40	40	30	20	10	10	10	27
40	40	40	10	20	10	20	—10	30	30	20	30	25
30	[40]	40	30	20	30	30	30	30	30	40	40	30

Date	00	01	02	03	04	05	06	07	08	09	10	11
980501	40	30	40	20	30	40	50	[40]	40	40	30	30
980502	30	30	40	40	40	40	[30]	20	-10	40	40	40
980503	30	20	20	20	20	30	40	40	[40]	40	40	40
980504	30	30	30	-10	-20	20	-	[30]	30	30	0	10
980505	20	30	30	30	30	30	-	-	40	40	30	30
980506	40	40	20	20	20	[30]	40	40	40	40	40	50
980507	30	20	30	30	30	40	[40]	40	40	30	40	30
980508	30	20	20	10	20	40	[40]	40	40	50	50	50
980509	20	20	20	20	20	30	40	[40]	40	40	40	40
980510	10	10	10	20	30	30	[40]	40	40	50	60	60
980511	10	20	20	20	20	40	-	-	-	-	70	60
980512	10	10	10	20	30	40	[30]	30	40	70	70	70
980513	0	0	0	0	0	20	[30]	20	30	40	60	70
980514	30	30	40	40	40	40	[40]	40	40	50	60	60
980515	10	20	10	10	20	20	30	[40]	40	50	40	40
980516	20	20	20	10	[20]	30	40	40	40	30	-S	OBS
980517	40	20	10	20	-40	0	-	-	-	-	-	-
980518	-	-	-	-	-	-	-	-	-	20	10	10
980519	-10	-10	-10	-160	-110	-80	30	10	30	30	20	40
980520	0	0	0	10	10	30	[40]	-	10	10	10	20
980521	20	10	20	10	30	30	[30]	40	50	60	60	OBS
980522	-10	+S	10	10	10	30	[OBS]	-S	90	110	30	0
980523	20	20	10	10	20	30	[30]	30	30	30	20	30
980524	20	20	10	10	20	30	[30]	20	30	30	20	20
980525	10	10	0	10	10	10	[10]	-	20	30	40	40
980526	40	30	10	30	20	40	[40]	30	40	60	70	80
980527	20	20	10	10	10	30	30	[30]	40	60	50	40
980528	20	20	20	10	20	30	40	[40]	40	40	40	30
980529	10	20	10	10	10	20	[20]	30	30	40	50	50
980530	0	10	0	10	10	30	80	130	[70]	80	50	40
980531	10	20	10	30	40	50	40	[30]	40	40	50	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	40	50	40	40	40	30	40	30	30	30	30	36
40	40	60	OBS	OBS	OBS	OBS	10	30	40	40	40	—
50	40	40	40	40	40	30	30	40	40	30	30	35
20	0	-10	0	0	10	20	30	30	40	30	30	17
30	20	40	40	40	40	40	30	30	30	40	40	—
40	40	40	40	40	40	30	30	30	20	30	30	35
40	40	40	40	40	40	30	30	30	20	30	30	34
60	60	60	60	40	40	40	40	30	30	30	30	29
50	60	60	40	40	40	30	20	20	10	10	10	32
60	70	70	70	50	40	30	30	20	20	20	20	38
70	70	80	80	40	40	40	30	30	20	20	10	—
80	80	90	80	70	50	30	30	20	10	10	10	41
40	60	60	70	40	30	30	30	30	20	30	30	31
60	60	70	60	60	60	60	50	30	30	20	20	35
30	30	30	40	40	60	70	40	40	50	40	30	35
-S	+S	70	40	30	30	40	30	30	40	40	30	—
—	—	—	—	—	—	—	—	—	—	—	—	—
OBS	10	0	-50	-10	-30	-60	-40	-10	-10	-10	-10	—
70	60	80	30	30	10	0	0	10	10	0	0	3
20	30	30	20	20	20	30	20	20	30	20	10	18
OBS	20	40	OBS	OBS	+S	30	10	0	20	0	OBS	—
10	20	30	30	30	40	40	20	20	20	20	30	—
30	30	30	30	30	30	40	40	40	30	30	30	28
20	20	20	20	20	10	10	10	10	10	10	10	18
40	40	40	40	40	40	20	20	20	10	10	20	23
OBS	OBS	40	40	40	40	40	30	30	20	20	20	—
40	50	50	40	50	40	30	30	30	20	20	20	32
30	30	30	30	20	30	30	20	10	10	10	10	25
50	40	50	40	50	OBS	OBS	OBS	10	20	20	10	—
-S	+S	30	80	70	-S	OBS	+S	40	10	10	10	—
70	OBS	+S	-S	+S	OBS	-S	10	10	30	40	30	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
980601	10	20	20	30	30	40	50	[50]	-10	-70	-S	OBS
980602	0	10	10	20	30	40	[50]	-	-	50	50	60
980603	40	30	20	30	50	50	[40]	40	40	60	50	80
980604	OBS	20	10	20	30	40	[40]	[40]	50	70	80	60
980605	40	40	40	30	30	50	[50]	60	60	70	80	70
980606	40	40	30	30	40	40	[40]	40	40	50	50	60
980607	30	30	30	20	30	40	[40]	40	40	50	60	70
980608	30	40	40	40	40	40	[40]	-	40	50	40	40
980609	40	40	30	40	50	70	80	[100]	70	70	60	60
980610	30	30	30	30	30	40	[40]	40	30	40	50	50
980611	20	30	30	20	20	20	[20]	30	40	40	40	30
980612	20	30	40	40	40	40	[40]	60	60	50	70	10
980613	30	20	20	10	0	30	[90]	70	30	-20	50	30
980614	10	10	10	10	-70	10	[40]	40	20	40	60	50
980615	30	30	30	30	30	50	[40]	-	60	50	30	40
980616	20	30	40	30	20	OBS	[20]	30	50	40	30	OBS
980617	30	20	20	10	20	30	[30]	30	30	20	10	30
980618	10	10	10	10	10	20	[30]	40	40	20	20	30
980619	30	20	20	20	20	30	[30]	30	40	50	40	30
980620	30	30	30	30	30	10	20	30	[40]	40	50	50
980621	20	20	20	10	10	30	[40]	40	40	50	60	70
980622	-	-	-	-	-	-	-	-	30	30	30	OBS
980623	20	10	10	10	20	30	[30]	30	30	30	10	10
980624	0	0	0	10	10	40	[50]	120	50	30	50	40
980625	20	20	10	0	0	10	30	[30]	30	20	30	40
980626	30	20	30	30	30	40	[40]	40	50	60	70	70
980627	OBS	50	-S	30	OBS	OBS	50	120	[110]	70	70	50
980628	30	10	20	30	30	40	[60]	40	50	80	70	70
980629	30	30	+S	20	+S	50	-	-	50	30	30	40
980630	10	OBS	OBS	OBS	-10	20	[30]	30	1030	30	40	50

12	13	14	15	16	17	18	19	20	21	22	23	Means
-10	80	120	70	30	20	20	10	20	10	20	10	-
70	80	80	80	60	60	40	40	30	30	30	30	-
80	90	90	70	-S	OBS	+S	-10	20	20	70	+S	-
80	100	90	90	80	50	40	40	40	40	50	40	52
80	80	90	80	70	60	60	40	40	40	30	40	55
80	70	60	60	50	50	40	40	40	30	40	30	45
70	80	70	70	70	50	40	40	40	30	30	20	44
40	40	60	-20	-S	OBS	OBS	20	40	30	30	30	-
70	70	70	70	60	50	50	40	40	20	20	20	54
50	50	50	50	40	40	40	40	30	10	10	10	36
30	50	-S	OBS	30	-10	-50	-30	0	20	30	20	-
20	OBS	OBS	OBS	+S	-30	-S	+S	-150	-150	-70	-30	-
40	60	30	50	40	40	50	40	40	30	30	30	35
70	50	40	40	50	50	50	40	40	40	40	40	33
+S	OBS	30	40	30	30	40	30	10	20	30	30	-
OBS	+S	40	50	OBS	+S	40	30	30	30	30	30	-
70	10	30	40	40	30	30	20	30	20	20	20	27
40	0	OBS	-S	30	70	OBS	30	30	40	40	30	-
30	10	30	30	30	40	40	50	40	40	30	30	32
50	50	60	60	70	60	40	30	20	10	20	30	37
80	80	80	70	50	-	-	-	-	-	-	-	-
10	50	50	-S	OBS	30	40	40	30	10	20	20	-
30	40	50	50	40	40	30	30	10	0	0	0	23
30	40	40	30	40	40	30	40	30	40	30	20	34
30	40	50	60	40	40	30	30	30	20	10	10	26
60	50	60	70	50	50	50	50	80	OBS	OBS	OBS	-
60	+S	OBS	OBS	OBS	OBS	OBS	-10	-10	20	40	40	-
40	50	40	+S	OBS	0	20	30	30	40	30	30	-
40	50	50	50	40	40	40	20	10	10	0	0	-
50	50	+S	OBS	-20	+S	30	20	30	30	20	10	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
980701	10	20	20	30	40	70	[60]	50	40	70	60	50
980702	20	20	40	40	50	70	[40]	20	OBS	OBS	50	110
980703	30	30	20	10	20	30	[40]	—	—	—	—	—
980704	—	—	—	—	—	—	—	60	40	30	50	20
980705	40	30	30	30	30	40	[40]	20	20	40	40	30
980706	20	10	10	10	10	-10	—	—	30	30	30	30
980707	30	30	30	30	30	30	[30]	30	30	40	40	-S
980708	60	40	40	40	50	80	[70]	50	30	30	30	OBS
980709	OBS	OBS	OBS	30	30	40	[70]	60	40	30	30	30
980710	40	30	10	10	10	30	[-S]	+S	70	50	30	30
980711	30	30	30	30	30	30	[40]	30	30	30	30	30
980712	10	10	20	20	-20	30	0	[20]	40	60	50	30
980713	30	30	30	30	60	—	—	—	40	60	60	60
980714	20	20	10	10	10	30	-S	[OBS]	-S	30	30	20
980715	20	20	20	20	40	70	[80]	90	110	80	50	40
980716	10	10	10	20	30	30	[30]	40	40	60	60	70
980717	70	40	30	40	30	40	[80]	40	70	60	50	40
980718	10	OBS	0	10	[20]	30	70	80	60	70	60	50
980719	+S	OBS	20	30	30	70	[80]	80	70	70	80	70
980720	20	20	30	30	30	30	30	40	—	—	70	70
980721	30	30	20	30	30	[40]	30	-S	50	60	70	70
980722	30	30	30	40	[40]	40	50	40	40	60	70	70
980723	20	10	10	20	30	[30]	40	40	50	60	80	80
980724	30	OBS	-S	+S	OBS	[+S]	40	80	80	50	50	40
980725	40	40	40	40	30	40	[40]	40	40	40	40	50
980726	40	40	30	30	90	60	60	[60]	70	80	90	80
980727	30	30	40	30	30	40	[40]	—	30	40	40	30
980728	—	—	—	—	—	—	—	—	—	—	—	—
980729	30	30	20	20	30	40	[40]	40	40	40	40	40
980730	20	20	20	30	30	40	[40]	60	60	80	70	60
980731	40	40	40	30	40	40	[40]	30	30	40	40	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
50	50	50	50	40	40	OBS	OBS	-S	20	30	40	-
100	90	40	40	50	60	40	40	40	40	40	30	-
-	-	-	-	-	-	-	-	-	-	-	-	-
30	40	40	30	40	40	50	50	40	40	40	40	-
+S	-50	-50	30	40	10	20	20	10	0	10	10	19
30	30	30	30	30	30	30	30	30	30	30	30	30
OBS	OBS	OBS	OBS	OBS	OBS	+S	OBS	30	30	60	60	-
+S	30	+S	40	30	30	30	30	40	30	-S	-S	-
+S	30	30	40	40	40	30	40	30	30	30	30	-
30	40	40	40	30	30	30	30	30	30	30	30	-
30	30	30	30	40	30	30	30	30	30	30	10	30
30	30	30	40	40	40	40	30	30	30	30	30	28
70	70	70	60	50	30	30	30	10	10	20	20	-
10	40	-10	-S	-S	-S	-40	30	30	30	30	10	-
50	50	60	50	40	40	40	30	30	20	20	20	45
80	80	80	50	30	30	30	40	30	-S	OBS	10	-
40	40	50	40	50	40	40	40	30	30	20	10	43
60	+S	70	80	60	40	OBS	50	40	40	40	40	-
80	OBS	OBS	30	+S	+S	30	30	40	30	40	40	-
80	70	70	70	50	60	50	40	40	40	40	30	-
80	70	70	70	50	50	50	50	40	40	40	30	48
70	80	90	90	70	40	40	30	30	10	10	20	47
90	90	90	70	60	50	40	30	30	30	30	30	46
50	50	60	50	50	50	50	50	50	40	40	40	-
50	40	40	50	40	OBS	40	OBS	+S	50	50	50	-
80	90	90	90	80	60	50	50	30	30	40	40	61
30	40	40	40	+S	OBS	OBS	+S	-S	OBS	-	-	-
-	-	-	30	50	30	40	30	40	40	30	40	-
50	40	40	50	+S	30	30	40	30	30	30	20	35
70	70	60	60	50	40	60	60	50	50	50	40	50
40	50	60	50	50	40	40	OBS	OBS	OBS	OBS	OBS	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
980801	20	30	30	30	20	-S	[OBS]	110	80	60	+S	50
980802	30	40	40	40	30	40	[40]	40	40	80	70	70
980803	40	40	40	50	60	70	-	-	[50]	60	70	80
980804	50	50	50	50	50	50	[40]	50	50	50	50	50
980805	OBS	+S	OBS	OBS	OBS	OBS	[20]	100	140	110	110	70
980806	50	50	50	50	50	40	[40]	50	50	60	70	70
980807	10	20	20	30	20	30	[40]	40	50	-	60	50
980808	10	10	10	20	20	30	[50]	[40]	40	60	70	80
980809	40	30	20	30	40	40	[40]	50	50	60	70	90
980810	20	20	30	30	30	40	-	-	-	-	-	70
980811	20	20	20	10	10	20	[30]	30	-	50	50	50
980812	20	10	20	20	20	30	[40]	30	30	40	70	60
980813	30	30	20	20	20	30	[30]	-	10	20	50	70
980814	20	10	10	10	0	OBS	OBS	30	20	30	30	50
980815	10	10	20	10	10	20	20	10	20	20	20	30
980816	20	30	20	20	20	30	[40]	50	60	50	70	70
980817	20	20	20	10	20	20	[30]	-	40	50	70	80
980818	20	10	10	10	10	30	[40]	[40]	40	40	50	60
980819	20	20	30	20	20	30	[30]	30	30	30	40	40
980820	10	20	20	20	30	40	[40]	[40]	50	60	60	70
980821	10	20	30	20	20	10	[10]	20	40	40	40	50
980822	50	40	20	10	10	OBS	-S	-S	+S	90	80	50
980823	OBS	OBS	OBS	-20	30	40	80	[40]	50	40	40	40
980824	40	40	40	30	40	40	[40]	-	[40]	50	30	50
980825	50	40	30	40	OBS	-S	[40]	50	50	30	40	40
980826	20	20	20	30	30	30	40	[40]	50	50	50	50
980827	40	30	30	20	20	[30]	40	40	40	60	60	50
980828	10	+S	20	30	40	40	[70]	70	50	40	30	30
980829	30	40	40	30	30	40	[40]	40	40	40	40	40
980830	20	20	30	20	30	30	[40]	40	60	50	-S	40
980831	30	20	20	20	30	40	[40]	-	20	20	-	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
70	70	70	60	50	60	40	40	40	40	40	30	—
80	80	80	70	60	70	50	60	40	50	40	40	53
90	90	70	70	80	50	+S	OBS	40	40	40	40	—
50	70	70	50	70	70	40	40	—S	OBS	OBS	OBS	—
70	50	50	50	40	40	40	40	40	50	50	40	—
70	70	70	(100)	60	50	40	30	20	10	20	20	47
70	70	70	80	60	50	40	30	20	30	10	10	40
80	90	110	70	60	50	50	50	50	40	40	40	49
120	110	120	120	60	50	50	50	60	50	40	30	59
70	70	70	70	60	40	30	20	20	20	20	20	—
70	70	80	80	70	30	30	30	30	20	20	20	37
50	50	50	40	30	40	50	50	50	50	50	40	39
70	70	70	60	50	30	30	20	20	+S	40	30	37
50	50	50	40	50	30	30	30	30	20	20	20	—
20	[30]	30	30	20	30	30	30	20	20	20	20	21
70	70	70	70	60	30	30	30	20	20	20	10	41
80	80	90	90	50	30	30	10	10	10	10	10	38
60	70	60	50	40	40	40	40	40	30	30	30	37
40	40	50	50	60	60	40	40	30	30	20	20	34
70	80	70	60	50	50	40	30	30	20	20	20	42
50	50	50	40	40	OBS	—S	OBS	OBS	30	40	50	—
30	50	40	40	40	50	40	—S	OBS	OBS	—S	—S	—
40	40	50	50	50	40	40	30	30	40	40	40	—
60	60	60	40	+S	+S	OBS	OBS	—S	0	OBS	50	—
40	40	40	40	40	40	30	40	40	40	40	30	—
50	50	50	40	40	40	30	30	30	30	30	40	37
40	40	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	OBS	0	—
30	40	30	30	20	20	30	40	40	40	40	40	36
40	40	40	40	40	30	30	40	40	40	30	30	37
50	30	40	40	30	20	20	20	30	30	20	20	32
OBS	—S	40	40	40	30	30	30	30	30	30	20	—

Date	00	01	02	03	04	05	06	07	08	09	10	11
980901	30	30	20	20	20	30	[30]	40	—	60	70	50
980902	30	30	30	30	20	20	20	[20]	20	30	30	30
980903	20	10	10	10	10	20	[20]	30	30	20	10	20
980904	—20	10	30	30	40	70	[30]	30	50	30	10	30
980905	20	10	10	10	20	20	[20]	30	10	20	20	20
980906	30	—50	10	OBS	40	70	70	70	50	60	70	60
980907	30	10	30	10	10	30	—	—	—	80	50	50
980908	40	50	50	40	40	40	[40]	[50]	80	60	60	80
980909	30	40	30	10	10	30	[50]	50	50	50	50	60
980910	0	0	10	30	10	10	[40]	40	50	50	50	50
980911	30	40	30	40	50	50	[60]	50	40	40	50	50
980912	50	50	50	50	40	40	—50	—100	10	40	40	100
980913	0	50	60	60	50	60	[80]	80	40	50	50	60
980914	50	50	50	10	50	60	[90]	—	10	20	30	40
980915	40	40	30	50	40	30	[10]	20	0	—10	—10	10
980916	30	20	20	20	30	40	[—10]	20	40	40	40	20
980917	10	OBS	OBS	OBS	10	20	30	[30]	30	20	30	20
980918	10	10	10	10	20	20	30	[30]	20	20	30	30
980919	20	20	20	20	20	[30]	30	30	20	30	30	40
980920	20	20	10	10	10	20	20	[20]	20	10	0	10
980921	10	10	10	10	10	20	[20]	—	40	40	40	40
980922	30	40	20	20	30	40	[70]	60	60	50	70	70
980923	30	30	40	40	30	40	80	[70]	60	50	70	70
980924	20	30	30	30	40	40	[80]	70	40	40	50	60
980925	40	30	30	10	0	10	0	0	10	40	40	40
980926	30	30	30	30	30	50	[50]	60	60	60	60	50
980927	30	30	40	40	30	40	[OBS]	40	40	40	50	70
980928	30	30	30	30	30	60	—	—	70	30	—10	—60
980929	40	30	30	30	30	40	40	[40]	70	50	40	50
980930	30	20	20	20	40	40	50	[60]	50	40	60	40

12	13	14	15	16	17	18	19	20	21	22	23	Means
50	40	40	30	30	30	30	30	30	30	30	30	35
30	30	30	30	30	30	30	20	10	10	10	10	24
30	30	20	10	30	30	100	-150	-S	OBS	+S	20	-
30	30	30	30	30	30	30	30	30	30	30	30	29
10	+S	OBS	OBS	OBS	-20	-20	-20	0	-10	0	-20	-
40	50	+S	OBS	0	30	30	30	30	30	30	30	-
50	60	60	60	60	50	50	40	50	40	40	40	-
60	60	60	50	40	40	40	40	40	40	40	30	49
50	60	60	50	60	50	40	40	40	50	50	40	44
50	60	60	50	40	30	10	10	30	30	30	40	33
40	50	50	50	60	50	80	60	50	50	50	50	49
100	90	OBS	OBS	-50	10	-10	60	40	10	40	-20	-
50	60	80	50	0	10	80	OBS	50	60	60	60	52
30	30	30	30	30	30	40	30	40	50	30	30	36
30	-S	0	20	20	-10	30	30	30	30	20	20	20
30	50	-S	0	20	70	30	20	10	-10	10	10	20
20	OBS	20	20	20	20	20	10	10	20	20	10	-
+S	20	OBS	OBS	30	30	40	30	30	30	30	30	-
30	20	20	30	20	30	30	30	20	20	20	20	25
10	20	10	20	20	20	30	30	30	30	20	20	18
40	50	40	40	40	40	40	40	30	30	30	20	30
70	80	70	70	70	60	50	40	30	30	30	40	50
80	90	90	80	70	50	40	30	40	40	40	30	54
60	60	50	50	40	40	30	40	20	20	30	30	42
50	40	40	30	30	30	10	0	-10	10	30	30	23
40	50	40	40	30	30	30	30	40	40	30	30	40
80	70	70	-S	OBS	10	20	30	30	10	30	40	-
-90	-40	-60	-110	-60	0	10	20	20	20	30	30	-
50	60	60	60	40	40	50	40	40	30	30	40	43
50	50	40	30	30	40	30	40	40	50	40	40	40

Date	00	01	02	03	04	05	06	07	08	09	10	11
981001	30	20	30	40	40	50	[60]	30	-40	20	10	10
981002	10	20	40	30	10	-10	[-10]	10	20	0	-10	0
981003	30	50	50	60	50	[40]	50	90	80	60	50	40
981004	60	50	40	40	40	50	50	[40]	30	40	40	50
981005	40	30	30	30	20	30	[40]	-	40	30	30	20
981006	20	10	-20	10	10	20	[20]	30	50	30	20	50
981007	80	90	70	80	80	70	120	130	[80]	80	60	60
981008	50	50	40	60	40	30	20	[20]	30	10	10	40
981009	-10	-10	10	10	10	10	[30]	40	40	30	30	40
981010	40	40	70	80	60	50	[70]	60	80	50	40	40
981011	30	20	10	20	30	40	40	[50]	50	40	40	50
981012	0	-10	0	0	0	0	[0]	[40]	-	60	70	60
981013	40	40	40	40	40	40	[60]	60	50	40	40	40
981014	20	30	20	20	30	40	[40]	40	40	40	40	40
981015	30	-30	30	40	40	70	[70]	80	70	70	70	60
981016	40	30	-30	-50	30	20	[30]	60	70	40	40	40
981017	-10	10	-10	-20	-30	-10	-10	10	0	10	40	50
981018	100	100	90	70	30	40	[40]	20	30	40	40	40
981019	10	10	10	10	10	10	[30]	-	40	10	10	10
981020	-30	0	10	10	10	20	[40]	70	60	-	30	30
981021	30	30	30	30	30	30	[30]	40	40	40	40	40
981022	40	30	30	40	40	50	[60]	70	60	40	50	60
981023	40	40	40	80	130	80	[80]	110	90	60	40	60
981024	0	0	-20	20	30	20	[30]	80	70	60	60	40
981025	40	30	-10	-30	-30	-30	-20	-30	[-30]	-30	-20	-30
981026	40	30	20	30	40	40	50	-	-	30	40	30
981027	20	-40	-10	30	30	30	50	[70]	30	20	30	30
981028	40	30	30	30	30	30	60	[40]	40	30	-30	40
981029	30	40	30	30	40	40	+S	[20]	20	20	30	20
981030	20	20	20	20	20	20	20	[30]	30	30	20	20
981031	20	20	20	20	20	20	[20]	30	20	20	20	30

12	13	14	15	16	17	18	19	20	21	22	23	Means
10	10	20	30	40	30	-10	0	30	20	20	-10	20
-10	OBS	OBS	20	40	60	60	60	40	40	50	40	-
40	50	50	50	50	40	50	50	60	50	50	60	52
60	70	70	60	50	50	60	70	60	60	50	50	52
30	40	30	20	10	20	20	30	30	20	10	10	22
30	30	10	0	-S	OBS	OBS	OBS	OBS	+S	30	60	-
50	50	30	OBS	60	20	40	50	40	40	30	20	62
30	10	20	+S	OBS	-10	30	20	10	10	10	0	-
40	30	20	20	30	10	10	20	10	10	30	30	20
100	+S	30	40	30	30	40	30	20	30	30	30	47
70	50	40	70	50	40	30	10	0	10	0	0	33
60	+S	+S	OBS	OBS	OBS	OBS	10	-S	30	50	40	-
40	40	70	30	50	60	70	60	70	60	50	40	49
40	40	40	60	40	40	50	40	40	80	50	30	40
50	40	40	40	30	30	30	70	90	100	80	80	53
50	40	30	30	30	20	30	10	10	10	10	0	25
50	50	40	40	30	40	40	50	70	70	40	60	25
30	10	10	0	-20	-20	10	10	10	10	10	10	30
30	30	10	0	20	20	0	-20	-30	-50	-60	-50	3
30	40	30	40	40	40	30	40	40	30	20	30	29
50	50	50	40	40	50	50	50	50	50	40	40	40
60	80	70	60	30	10	20	50	50	60	40	50	48
70	70	80	50	0	-10	-20	10	30	30	0	0	48
50	30	-150	OBS	60	40	30	30	20	30	20	40	26
30	10	+S	-60	30	30	40	40	40	40	40	40	4
40	40	40	50	60	60	70	70	60	50	30	-S	-
30	40	50	40	40	-S	-10	0	20	40	40	40	27
50	60	70	60	50	60	60	50	40	40	30	30	40
20	-	-10	OBS	OBS	OBS	OBS	-50	0	20	40	0	-
20	30	30	30	10	20	40	60	30	30	20	10	25
30	30	20	10	-50	30	30	30	30	30	20	10	20

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	20	-40	30	30	30	30	40	30	20	30	30	15
30	50	50	30	70	70	60	70	60	10	10	20	38
60	60	70	60	60	50	20	30	50	20	30	20	35
30	30	20	30	OBS	OBS	OBS	0	20	20	20	30	-
30	40	40	50	70	70	60	70	70	40	40	60	33
40	40	40	40	50	60	70	70	60	40	30	20	40
50	40	40	50	60	70	70	70	60	50	40	20	40
50	50	30	30	20	20	20	20	20	20	20	10	28
40	30	30	40	30	30	-10	-20	-10	0	-30	-50	-
30	OBS	OBS	OBS	-50	-S	-S	-S	-10	-20	-10	60	-
30	40	60	70	80	90	80	80	70	80	70	70	55
80	80	60	40	60	30	20	10	10	10	10	10	-
10	10	0	0	10	20	30	40	30	30	40	40	18
20	0	-10	10	0	10	-20	-20	0	80	-S	30	8
30	40	40	40	30	30	40	60	40	40	40	30	30
70	70	40	40	70	90	70	60	60	60	70	40	-
30	30	40	50	50	50	50	50	40	40	30	30	41
50	60	60	70	60	60	70	70	70	50	50	40	49
40	50	50	50	70	40	50	60	50	40	40	30	43
-S	-S	-S	50	60	50	60	70	60	70	50	50	-
(-20)	-10	-10	-10	20	-20	-70	-100	-20	-10	0	-10	5
50	50	60	60	70	60	50	30	50	20	30	10	35
50	50	60	80	110	100	70	70	50	40	50	40	57
90	100	90	70	60	70	60	50	40	60	50	50	64
30	50	70	50	30	10	20	30	0	-10	-10	10	43
70	70	70	70	50	50	60	60	70	50	60	40	58
20	30	50	60	30	110	120	70	60	80	80	120	56
70	50	50	70	120	70	80	110	80	40	60	50	83
10	20	0	-20	-40	-50	-40	-20	-40	-	-	-	-
30	60	60	50	50	50	50	60	70	70	30	-40	-

Date	00	01	02	03	04	05	06	07	08	09	10	11
981201	-10	30	20	20	30	30	30	20	-10	-10	-20	10
981202	-10	-10	0	0	0	10	20	[50]	60	30	30	30
981203	20	-20	-10	-20	-30	-40	-20	[-30]	-50	-70	-70	-70
981204	-100	-90	-70	-50	-50	-40	0	-10	-10	0	30	110
981205	50	60	30	30	40	30	40	30	[40]	[50]	30	40
981206	30	20	20	20	30	30	30	[40]	50	40	50	60
981207	30	30	30	20	20	30	40	40	-	70	50	30
981208	40	30	0	10	20	20	10	-10	-10	-10	0	10
981209	30	30	30	20	30	30	30	[10]	10	30	30	40
981210	50	50	40	50	50	40	50	80	70	70	100	70
981211	50	50	40	50	50	40	80	[110]	50	80	70	30
981212	0	20	50	60	100	90	60	40	40	30	40	[50]
981213	150	120	70	50	70	90	50	70	[60]	40	80	90
981214	40	40	30	30	40	40	40	-	-	10	10	10
981215	-100	-20	-40	-20	-10	0	30	60	50	60	70	50
981216	50	60	120	120	130	150	100	110	-10	30	40	40
981217	50	50	50	30	30	40	50	60	60	60	60	50
981218	60	40	40	50	80	80	120	[130]	170	220	200	+S
981219	50	60	110	90	50	40	90	70	70	120	80	30
981220	70	70	80	50	50	60	60	50	[10]	20	-10	-10
981221	50	40	30	10	40	50	40	-	-	30	50	80
981222	50	50	50	50	50	50	80	90	100	60	60	60
981223	30	40	50	50	60	50	60	[100]	130	50	50	40
981224	-10	-10	-40	-50	-50	-50	-50	-40	[-60]	-50	-40	-30
981225	-70	-70	-40	-30	-20	-40	[-30]	-30	-30	-40	-10	-20
981226	-50	-60	-50	-70	-60	-60	-50	[-50]	-	-60	-40	-10
981227	0	-20	-50	-50	-70	-80	-40	-20	[10]	20	10	10
981228	40	60	60	80	90	100	50	30	70	60	70	30
981229	20	30	40	50	60	-	50	60	30	50	60	70
981230	30	20	40	20	-10	-30	-30	-30	-60	-50	-70	-60
981231	-60	-40	-50	-70	-60	-90	-90	-60	-30	[-30]	-50	-40

12	13	14	15	16	17	18	19	20	21	22	23	Means
30	60	-10	-20	-10	-10	-40	0	-10	-20	-50	-20	2
40	30	40	50	40	40	20	30	40	40	-10	0	24
-100	-90	-120	-90	-100	-130	-60	-60	-100	-90	-80	-90	-63
+S	OBS	OBS	+S	120	80	130	130	70	60	30	50	-
60	30	40	70	40	40	30	OBS	50	40	30	30	40
60	50	60	70	60	50	50	-S	-S	10	-S	-S	-
40	50	60	50	50	50	70	70	50	50	50	40	44
10	20	30	[40]	40	40	30	20	30	40	40	40	23
70	100	120	90	100	110	70	70	80	60	50	50	54
80	80	70	70	80	70	70	50	50	50	30	50	60
-30	-40	-50	-20	-40	-60	-80	-50	-50	-50	-30	-10	8
80	50	90	90	50	70	+S	+S	140	+S	+S	+S	-
-30	30	-10	70	60	60	50	50	50	50	40	40	58
40	30	30	30	30	60	30	10	0	-70	-110	-190	-
100	70	70	[60]	60	70	80	90	60	40	40	40	38
50	50	60	[60]	90	90	80	50	50	50	40	50	69
60	60	70	[50]	60	50	70	9	90	70	70	70	58
+S	200	+S	+S	240	+S	+S	+S	90	90	70	60	-
30	20	20	[50]	-10	30	20	20	20	20	30	50	48
30	-10	-10	10	-40	10	-10	-10	-20	OBS	OBS	+S	-
90	90	80	80	80	80	80	80	80	60	60	50	-
90	90	[90]	90	110	90	80	90	30	50	60	50	72
50	80	60	100	80	60	50	40	40	10	10	10	54
-30	-30	-20	-60	-70	-50	-50	-50	-60	-50	-50	-50	-44
-20	-10	0	0	-20	-10	-10	-10	-20	-20	-60	-50	-28
20	20	10	20	0	-20	-50	-10	10	-10	-10	-50	-27
30	40	30	50	100	80	70	80	70	90	60	20	18
10	40	40	20	40	-	30	0	30	-10	30	30	44
80	90	80	60	-30	60	[80]	70	70	50	50	20	52
-40	-50	-70	-90	-90	-80	-70	-80	-60	-70	-50	-50	-43
-40	-60	-90	-80	-50	-60	-70	-60	-60	-60	-50	-50	-58

Hourly means of the quantities of positive and negative
1995

[illegible]

Hourly means of the quantities of positive and negative
1997

[illegible]

Hourly means of the quantities of positive and negative
1998

[illegible]

