



*Kandilli Rasathanesi Ve Deprem Araştırma Enstitüsü*

*ULUSAL DEPREM İZLEME MERKEZİ*



*2009 EYLÜL AYI  
BÜLTENİ*

*YIL: 6 - SAYI: 69  
İSTANBUL*

## **Hazırlayan ve Katkıda Bulunanlar**

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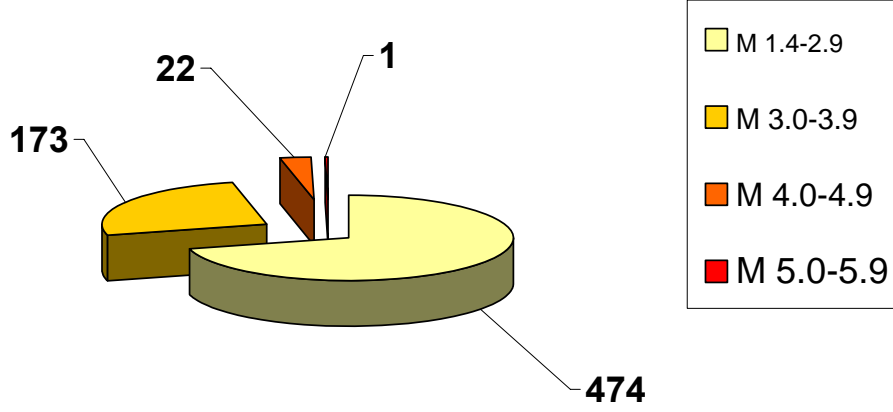
*R.Polat*

*Ö.Çok*

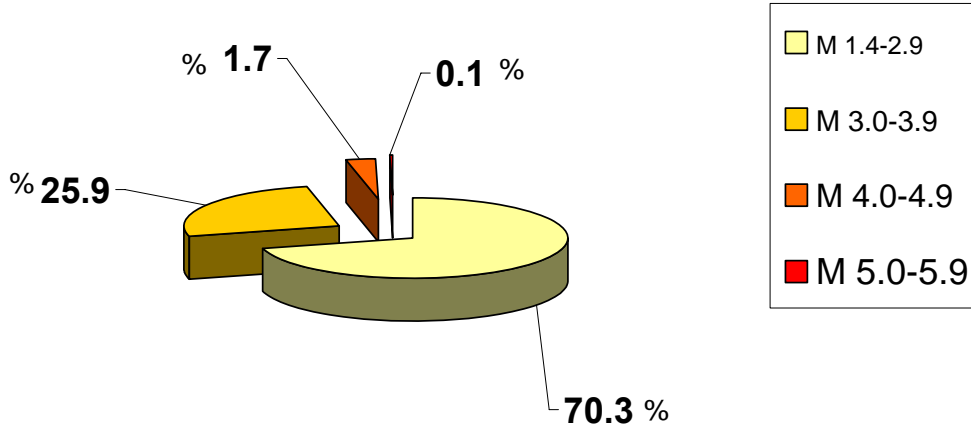
2009 yılı Eylül ayında meydana gelen depremlerin  
istatistiksel dağılımı

| <b>MAGNİTÜD ARALIĞI</b> | <b>TOPLAM</b> |
|-------------------------|---------------|
| 1.4-2.9                 | 474           |
| 3.0-3.9                 | 173           |
| 4.0-4.9                 | 22            |
| 5.0-5.9                 | 1             |
| 6.0-6.9                 | —             |
| 7.0-7.9                 | —             |
| <b>TOPLAM</b>           | <b>670</b>    |

**2009 EYLÜL AYI DEPREMLERİNİN İSTATİSTİKSEL DAĞILIMI**  
(Toplam: 670 Adet)



**2009 EYLÜL AYI DEPREMLERİNİN İSTATİSTİKSEL DAĞILIMI (%)**



## DEĞERLENDİRME

Eylül ayında toplam 670 depremin çözümlü yapılmıştır. Büyüklüğü 4.0 ve üzerinde olan deprem sayısı 22 adettir. Toplam meydana gelen depremlerin % 70.3 oranını büyüklükleri M=1.4-2.9 arasındaki depremler oluşturmaktadır.

Toplam 96 adet geniş bantlı (Broad Band) istasyonun Eylül ayı içerisindeki çalışma performansları % 76 dir. Bu ay içerisinde 18 adet geniş bantlı (Broad Band) deprem istasyonu verimsiz olmuştur.

Toplam 26 adet kısa periyotlu (SP) istasyonun Eylül ayı içerisindeki çalışma performansları % 87 olup, Eskişehir (ESKT), Hakkari (HKR) bu ay içindeki verimsiz istasyonlardır.

Bu ay içerisinde Malatya (MYA) kısa periyotlu (SP) istasyonu kapatılmıştır.

Eylül ayı itibarıyla deprem istasyonlarının ve *sismik ağın ortalama verimlilik performansı % 78* olmuştur.

Eylül ayındaki en önemli deprem, 07.09.2009 saat 22:41 (GMT)'de M=5.9 Gürcistan'da meydana gelmiştir. Bundan başka; 07.09.2009 saat 22:49 M=4.7 Gürcistan, 08.09.2009 saat 17:50 (GMT) M=4.7 Gürcistan, 11.09.2009 saat 01:58 (GMT) M=4.7 Sille-Selçuklu-Konya, 16.09.2009 saat 14:09 (GMT) M=4.7 Güney Kıbrıs açıkları-Akdeniz, 12.09.2009 saat 09:41 (GMT) M=4.6 Gürcistan, 26.09.2009 saat 02:52 (GMT) M=4.5 Girit adası güneyi-Akdeniz, 15.09.2009 saat 01:13 (GMT) M=4.5 Girit adası güneyi-Akdeniz, 10.09.2009 saat 18:29 (GMT) M=4.4 Sille-Selçuklu-Konya olan orta büyüklükte deprem aktiviteleri meydana gelmiştir.

Ayrıca, Çınarcık-Yalova, Gemlik-Bursa, Tekirdağ açıkları-Marmara Denizi'nde, Aliğa-Bergama-İzmir, Soma-Kırkağaç-Manisa, Didim açıkları, Samos adası güneyi-Ege Denizi, Oniki Adalar bölgesinde, Gökova Körfezi-Muğla, Girit adası güneyi-Akdeniz, Simav-Kütahya, Honaz-Denizli, Afşar-Bala-Ankara, Konya, Kozan-Adana, Kıbrıs'ın güneyinde meydana gelen deprem etkinlikleri dikkat çekmektedir. Gürcistan, Erzincan, Varto-Muş, Adıyaman, Doğu Anadolu Fay Zonu boyunca ise Sivrice-Elazığ ve Malatya'da deprem etkinlikleri gözlenmiştir.

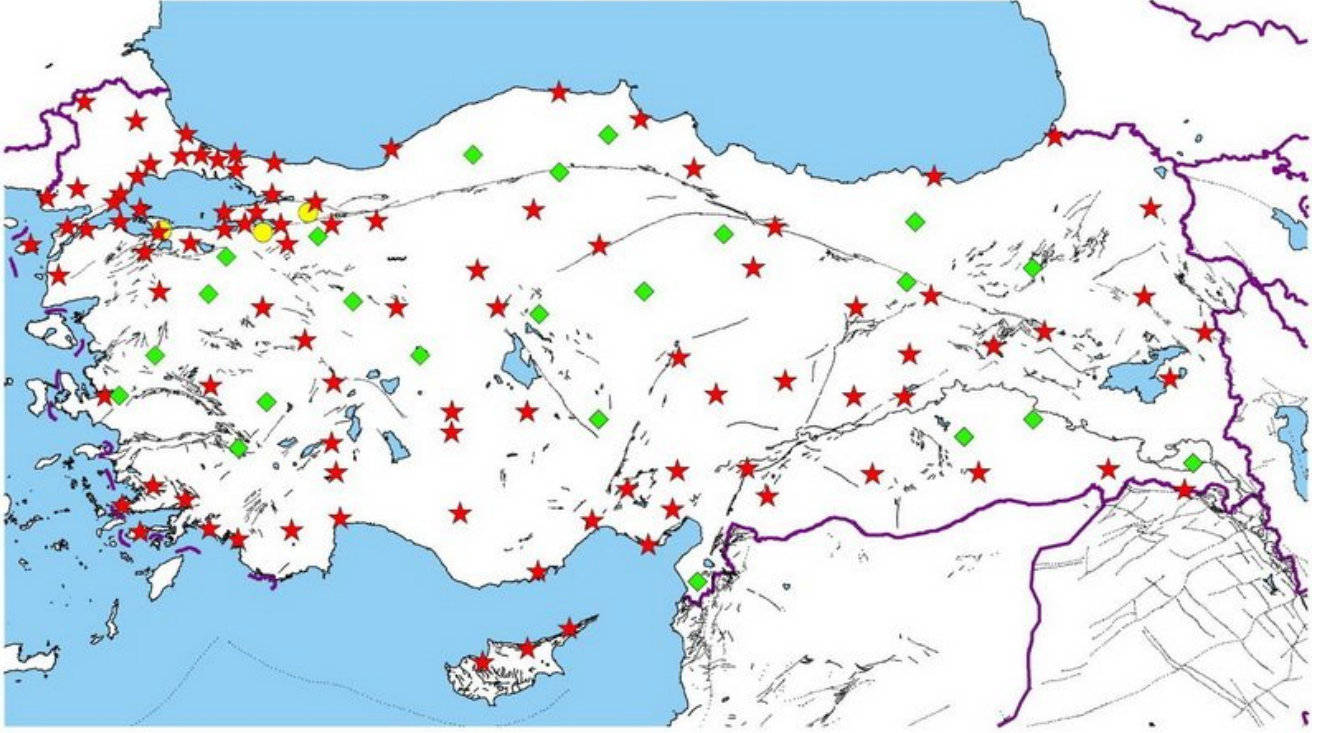
EYLÜL 2009

İSTASYON VERİMLİLİK

TABLOLARI

B.Ü.  
KANDİLLİ RASATHANESİ VE DEPREM ARAŞTIRMA ENSTİTÜSÜ  
ULUSAL DEPREM İZLEME MERKEZİ  
DEPREM İSTASYONLARI

Eylül 2009  
Toplam: 122 Adet



★ GENİŞ BAND

◆ KISA PERİYOT

● TELEMETRİ KISA PERİYOT

**BROAD BAND DEPREM İSTASYONLARI**

Eylül 2009  
96 Adet



| Adet | Yontem | Kod   | (+)adet | (-)adet | TOPLAM GUN | (+)% | (-)% | ( + )% | ( - )% |
|------|--------|-------|---------|---------|------------|------|------|--------|--------|
| 1    | 1      | ADVT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 2    | 2      | AFSR  | 30      | 0       | 30         | 100  | 0    |        |        |
| 3    | 3      | AGRB  | 29      | 1       | 30         | 97   | 3    |        |        |
| 4    | 4      | ALT   | 0       | 30      | 30         | 0    | 100  |        |        |
| 5    | 5      | ANTB  | 0       | 30      | 30         | 0    | 100  |        |        |
| 6    | 6      | ARMT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 7    | 7      | BALB  | 30      | 0       | 30         | 100  | 0    |        |        |
| 8    | 8      | BCA   | 30      | 0       | 30         | 100  | 0    |        |        |
| 9    | 9      | BCK   | 30      | 0       | 30         | 100  | 0    |        |        |
| 10   | 10     | BGKT  | 29      | 1       | 30         | 97   | 3    |        |        |
| 11   | 11     | BLCB  | 0       | 30      | 30         | 0    | 100  |        |        |
| 12   | 12     | BNGB  | 30      | 0       | 30         | 100  | 0    |        |        |
| 13   | 13     | BNN   | 30      | 0       | 30         | 100  | 0    |        |        |
| 14   | 14     | BODT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 15   | 15     | BZK   | 30      | 0       | 30         | 100  | 0    |        |        |
| 16   | 16     | CANT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 17   | 17     | CAVI  | 30      | 0       | 30         | 100  | 0    |        |        |
| 18   | 18     | CEYT  | 16      | 14      | 30         | 53   | 47   |        |        |
| 19   | 19     | CLDR  | 30      | 0       | 30         | 100  | 0    |        |        |
| 20   | 20     | CORM  | 30      | 0       | 30         | 100  | 0    |        |        |
| 21   | 21     | CRLT  | 0       | 30      | 30         | 0    | 100  |        |        |
| 22   | 22     | CTKS  | 30      | 0       | 30         | 100  | 0    |        |        |
| 23   | 23     | CTYL  | 28      | 2       | 30         | 93   | 7    |        |        |
| 24   | 24     | CUKT  | 28      | 2       | 30         | 93   | 7    |        |        |
| 25   | 25     | DALY  | 30      | 0       | 30         | 100  | 0    |        |        |
| 26   | 26     | DARE  | 29      | 1       | 30         | 97   | 3    |        |        |
| 27   | 27     | DAT   | 28      | 2       | 30         | 93   | 7    |        |        |
| 28   | 28     | DIKM  | 30      | 0       | 30         | 100  | 0    |        |        |
| 29   | 29     | EDC   | 0       | 30      | 30         | 0    | 100  |        |        |
| 30   | 30     | EDRB  | 30      | 0       | 30         | 100  | 0    |        |        |
| 31   | 31     | ELL   | 30      | 0       | 30         | 100  | 0    |        |        |
| 32   | 32     | ENEZ  | 0       | 30      | 30         | 0    | 100  |        |        |
| 33   | 33     | EREN  | 30      | 0       | 30         | 100  | 0    |        |        |
| 34   | 34     | ERIK  | 0       | 30      | 30         | 0    | 100  |        |        |
| 35   | 35     | ERZN  | 30      | 0       | 30         | 100  | 0    |        |        |
| 36   | 36     | EZN   | 16      | 14      | 30         | 53   | 47   |        |        |
| 37   | 37     | FETY  | 30      | 0       | 30         | 100  | 0    |        |        |
| 38   | 38     | GADA  | 0       | 30      | 30         | 0    | 100  |        |        |
| 39   | 39     | GAZ   | 0       | 30      | 30         | 0    | 100  |        |        |
| 40   | 40     | GELI  | 20      | 10      | 30         | 67   | 33   |        |        |
| 41   | 41     | GEMT  | 2       | 28      | 30         | 7    | 93   |        |        |
| 42   | 42     | GONE  | 30      | 0       | 30         | 100  | 0    |        |        |
| 43   | 43     | GULT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 44   | 44     | HDMB  | 30      | 0       | 30         | 100  | 0    |        |        |
| 45   | 45     | HRTX  | 30      | 0       | 30         | 100  | 0    |        |        |
| 46   | 46     | IKL   | 28      | 2       | 30         | 93   | 7    |        |        |
| 47   | 47     | ILIC  | 30      | 0       | 30         | 100  | 0    |        |        |
| 48   | 48     | ISK   | 30      | 0       | 30         | 100  | 0    |        |        |
| 49   | 49     | ISP   | 30      | 0       | 30         | 100  | 0    |        |        |
| 50   | 50     | KARA  | 30      | 0       | 30         | 100  | 0    |        |        |
| 51   | 51     | KARS  | 28      | 2       | 30         | 93   | 7    |        |        |
| 52   | 52     | KCTX  | 30      | 0       | 30         | 100  | 0    |        |        |
| 53   | 53     | KDZE  | 30      | 0       | 30         | 100  | 0    |        |        |
| 54   | 54     | KLYT  | 24      | 6       | 30         | 80   | 20   |        |        |
| 55   | 55     | KMRS  | 29      | 1       | 30         | 97   | 3    |        |        |
| 56   | 56     | KONT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 57   | 57     | KOZT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 58   | 58     | KRBG  | 29      | 1       | 30         | 97   | 3    |        |        |
| 59   | 59     | KRTS  | 0       | 30      | 30         | 0    | 100  |        |        |
| 60   | 60     | KTUT  | 13      | 17      | 30         | 43   | 57   |        |        |
| 61   | 61     | KULA  | 30      | 0       | 30         | 100  | 0    |        |        |
| 62   | 62     | KVT   | 30      | 0       | 30         | 100  | 0    |        |        |
| 63   | 63     | LADK  | 15      | 15      | 30         | 50   | 50   |        |        |
| 64   | 64     | LAP   | 30      | 0       | 30         | 100  | 0    |        |        |
| 65   | 65     | LEF   | 30      | 0       | 30         | 100  | 0    |        |        |
| 66   | 66     | LFK   | 28      | 4       | 30         | 87   | 13   |        |        |
| 67   | 67     | LOD   | 10      | 20      | 30         | 33   | 67   |        |        |
| 68   | 68     | MALT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 69   | 69     | MAZI  | 30      | 0       | 30         | 100  | 0    |        |        |
| 70   | 70     | MDUB  | 30      | 0       | 30         | 100  | 0    |        |        |
| 71   | 71     | MDYN  | 30      | 0       | 30         | 100  | 0    |        |        |
| 72   | 72     | MERS  | 0       | 30      | 30         | 0    | 100  |        |        |
| 73   | 73     | MFTX  | 20      | 10      | 30         | 67   | 33   |        |        |
| 74   | 74     | MLSB  | 6       | 24      | 30         | 20   | 80   |        |        |
| 75   | 75     | MRMT  | 0       | 30      | 30         | 0    | 100  |        |        |
| 76   | 76     | PHSR  | 30      | 0       | 30         | 100  | 0    |        |        |
| 77   | 77     | PTK   | 30      | 0       | 30         | 100  | 0    |        |        |
| 78   | 78     | RKY   | 30      | 0       | 30         | 100  | 0    |        |        |
| 79   | 79     | RSDY  | 30      | 0       | 30         | 100  | 0    |        |        |
| 80   | 80     | SARIZ | 7       | 23      | 30         | 23   | 77   |        |        |
| 81   | 81     | SHUT  | 0       | 30      | 30         | 0    | 100  |        |        |
| 82   | 82     | SILT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 83   | 83     | SIRT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 84   | 84     | SPNC  | 30      | 0       | 30         | 100  | 0    |        |        |
| 85   | 85     | SLVT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 86   | 86     | SULT  | 30      | 0       | 30         | 100  | 0    |        |        |
| 87   | 87     | SVRC  | 5       | 25      | 30         | 17   | 83   |        |        |
| 88   | 88     | SVRH  | 30      | 0       | 30         | 100  | 0    |        |        |
| 89   | 89     | SVSK  | 30      | 0       | 30         | 100  | 0    |        |        |
| 90   | 90     | TKR   | 30      | 0       | 30         | 100  | 0    |        |        |
| 91   | 91     | TVSB  | 0       | 30      | 30         | 0    | 100  |        |        |
| 92   | 92     | URFA  | 30      | 0       | 30         | 100  | 0    |        |        |
| 93   | 93     | VANB  | 7       | 23      | 30         | 23   | 77   |        |        |
| 94   | 94     | VRTB  | 24      | 6       | 30         | 80   | 20   |        |        |
| 95   | 95     | YER   | 30      | 0       | 30         | 100  | 0    |        |        |
| 96   | 96     | YLVX  | 14      | 16      | 30         | 47   | 53   |        |        |

GENİŞ BANTLI (BROAD-BAND) İSTASYONLAR

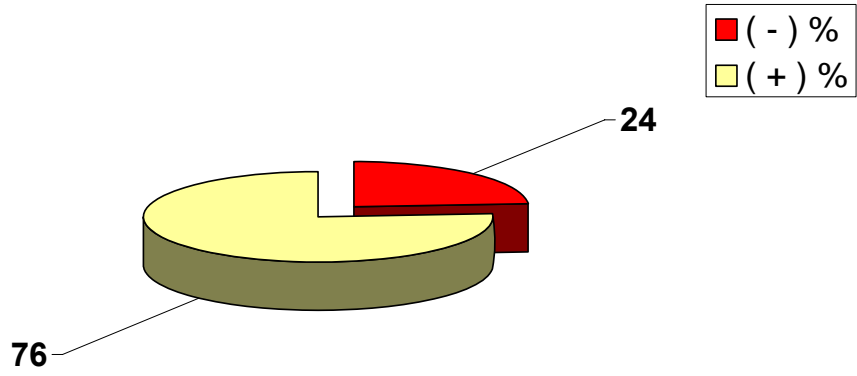
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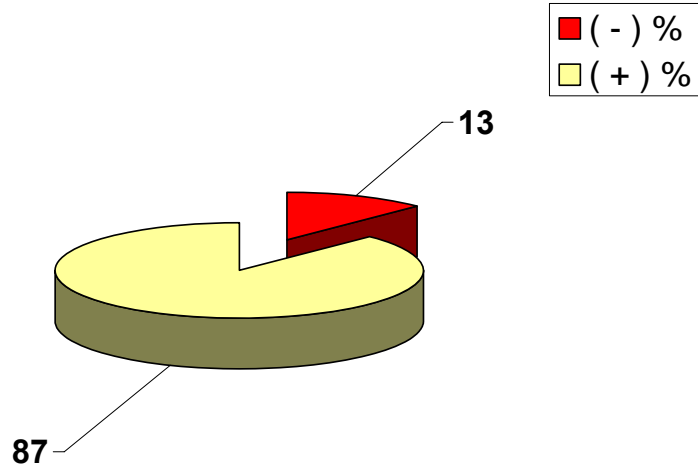


|                       |    |                                         |      |    |    |    |     |     |    |    |
|-----------------------|----|-----------------------------------------|------|----|----|----|-----|-----|----|----|
| 97                    | 1  | KISA PERİYOT (SHORT PERIOD) İSTASYONLAR | AKS  | 30 | 0  | 30 | 100 | 0   | 87 | 13 |
| 98                    | 2  |                                         | BNT  | 30 | 0  | 30 | 100 | 0   |    |    |
| 99                    | 3  |                                         | BTMT | 28 | 2  | 30 | 93  | 7   |    |    |
| 100                   | 4  |                                         | BYBT | 30 | 0  | 30 | 100 | 0   |    |    |
| 101                   | 5  |                                         | DENT | 30 | 0  | 30 | 100 | 0   |    |    |
| 102                   | 6  |                                         | DIY  | 30 | 0  | 30 | 100 | 0   |    |    |
| 103                   | 7  |                                         | DST  | 25 | 5  | 30 | 83  | 17  |    |    |
| 104                   | 8  |                                         | ESKT | 30 | 0  | 30 | 100 | 0   |    |    |
| 105                   | 9  |                                         | EYL  | 10 | 20 | 30 | 33  | 67  |    |    |
| 106                   | 10 |                                         | EZC  | 30 | 0  | 30 | 100 | 0   |    |    |
| 107                   | 11 |                                         | EZM  | 25 | 5  | 30 | 83  | 17  |    |    |
| 108                   | 12 |                                         | GPA  | 28 | 2  | 30 | 93  | 7   |    |    |
| 109                   | 13 |                                         | GUMT | 30 | 0  | 30 | 100 | 0   |    |    |
| 110                   | 14 |                                         | HKR  | 0  | 30 | 30 | 0   | 100 |    |    |
| 111                   | 15 |                                         | HTY  | 30 | 0  | 30 | 100 | 0   |    |    |
| 112                   | 16 |                                         | IZI  | 29 | 1  | 30 | 97  | 3   |    |    |
| 113                   | 17 |                                         | IZM  | 29 | 1  | 30 | 97  | 3   |    |    |
| 114                   | 18 |                                         | KAMT | 21 | 9  | 30 | 70  | 30  |    |    |
| 115                   | 19 |                                         | KHL  | 30 | 0  | 30 | 100 | 0   |    |    |
| 116                   | 20 |                                         | KIZT | 30 | 0  | 30 | 100 | 0   |    |    |
| 117                   | 21 |                                         | NIG  | 30 | 0  | 30 | 100 | 0   |    |    |
| 118                   | 22 |                                         | ORLT | 14 | 16 | 30 | 47  | 53  |    |    |
| 119                   | 23 |                                         | SAFT | 30 | 0  | 30 | 100 | 0   |    |    |
| 120                   | 24 |                                         | TOKT | 24 | 6  | 30 | 80  | 20  |    |    |
| 121                   | 25 |                                         | TOS  | 30 | 0  | 30 | 100 | 0   |    |    |
| 122                   | 26 |                                         | YOZ  | 29 | 1  | 30 | 97  | 3   |    |    |
|                       |    |                                         |      |    |    |    | +   | (-) |    |    |
| 2009 EYLÜL ORTALAMA % |    |                                         |      |    |    |    | 78  | 22  |    |    |

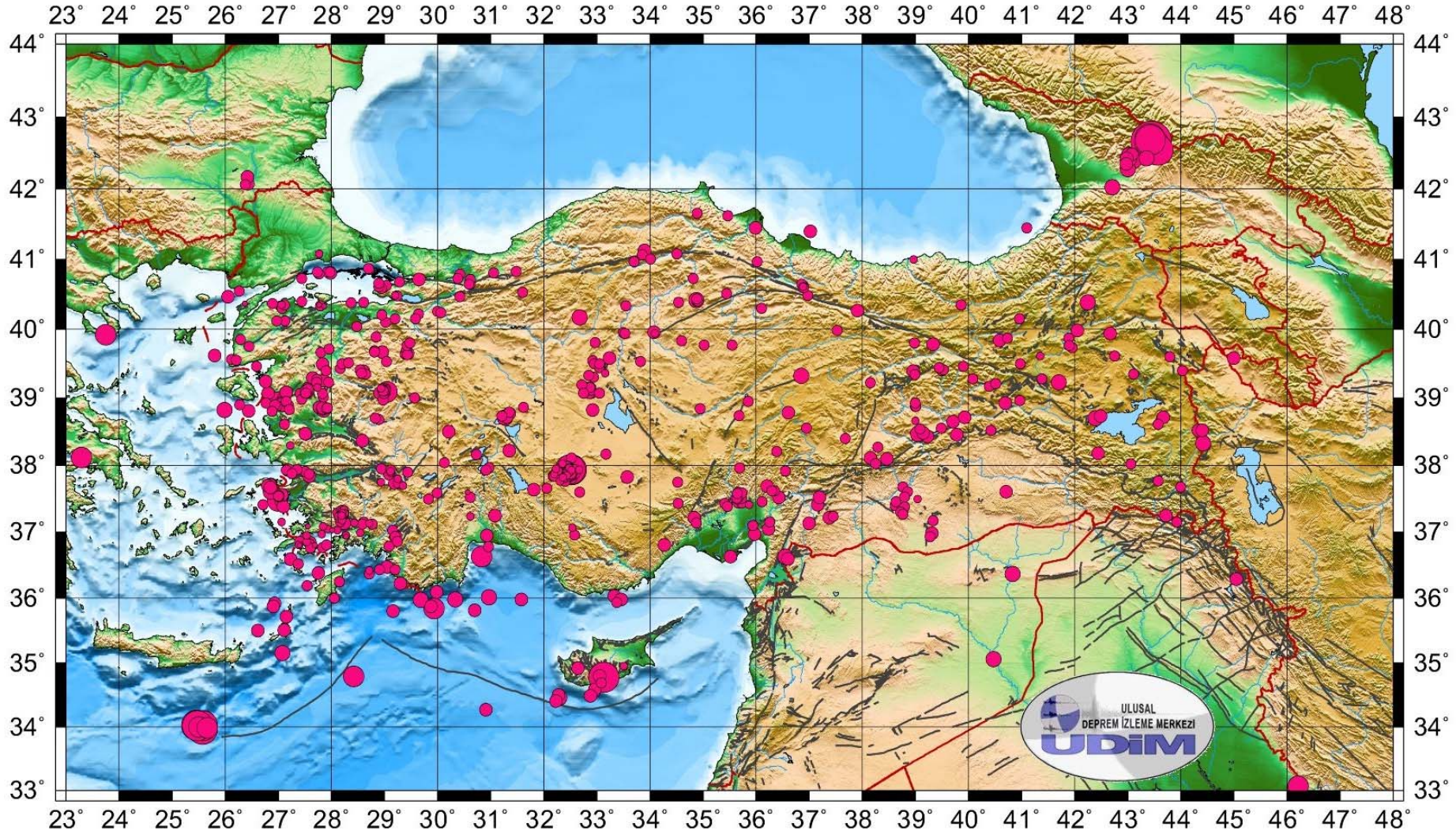
### 2009 EYLÜL AYI BROAD-BAND İSTASYONLARI VERİMLİLİK GRAFİĞİ



### 2009 EYLÜL AYI SHORT PERIOD İSTASYONLARI VERİMLİLİK GRAFİĞİ



## TÜRKİYE VE YAKIN ÇEVRESİ DEPREM ETKİNLİĞİ ( EYLÜL 2009 ) Toplam: 670 Adet



**TÜRKİYE DEPREM ETKİNLİĞİ ( 2009 YILI EYLÜL AYI )**

| No | Tarih - Date |    |      | Zaman - Time |      |      | Koordinat - Coordinate |          |     | Derinlik - Depth |     | Magnitüd - Magnitude |     |     |     |     |     |    |     |    |     |
|----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|----|-----|----|-----|
|    | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 1  | 1            | 9  | 2009 | 8            | 16   | 29.1 | 37.13                  | 28.24    | R   | 12               | R   |                      |     |     |     | 3.0 | R   |    |     |    |     |
| 2  | 1            | 9  | 2009 | 9            | 17   | 42.8 | 39.30                  | 32.94    | R   | 5                | R   |                      |     |     |     | 2.8 | R   |    |     |    |     |
| 3  | 1            | 9  | 2009 | 11           | 1    | 39.8 | 39.95                  | 33.50    | R   | 5                | R   |                      |     |     |     | 2.6 | R   |    |     |    |     |
| 4  | 1            | 9  | 2009 | 13           | 16   | 11.7 | 37.50                  | 39.04    | R   | 5                | R   |                      |     |     |     | 2.4 | R   |    |     |    |     |
| 5  | 1            | 9  | 2009 | 15           | 28   | 15.3 | 40.33                  | 27.87    | R   | 6                | R   |                      |     |     |     | 1.8 | R   |    |     |    |     |
| 6  | 1            | 9  | 2009 | 15           | 48   | 17.3 | 37.33                  | 28.20    | R   | 11               | R   |                      |     |     |     | 2.6 | R   |    |     |    |     |
| 7  | 1            | 9  | 2009 | 15           | 49   | 32.7 | 41.00                  | 38.97    | R   | 6                | R   |                      |     |     |     | 2.2 | R   |    |     |    |     |
| 8  | 1            | 9  | 2009 | 16           | 57   | 37.6 | 38.10                  | 38.46    | R   | 2                | R   |                      |     |     |     | 3.0 | R   |    |     |    |     |
| 9  | 1            | 9  | 2009 | 17           | 30   | 8.6  | 37.44                  | 35.73    | R   | 16               | R   |                      |     |     |     | 2.8 | R   |    |     |    |     |
| 10 | 1            | 9  | 2009 | 17           | 56   | 43.4 | 37.68                  | 44.00    | R   | 3                | R   |                      |     |     |     | 2.9 | R   |    |     |    |     |
| 11 | 1            | 9  | 2009 | 18           | 29   | 12.4 | 38.87                  | 39.00    | R   | 8                | R   |                      |     |     |     | 2.8 | R   |    |     |    |     |
| 12 | 1            | 9  | 2009 | 21           | 30   | 24.1 | 33.07                  | 46.21    | N   | 6                | N   |                      |     | 4.4 | N   |     |     |    |     |    |     |
| 13 | 1            | 9  | 2009 | 23           | 37   | 7.4  | 39.06                  | 32.86    | R   | 9                | R   |                      |     |     |     | 2.9 | R   |    |     |    |     |
| 14 | 2            | 9  | 2009 | 2            | 15   | 9.3  | 37.97                  | 30.97    | R   | 9                | R   |                      |     |     |     | 2.7 | R   |    |     |    |     |
| 15 | 2            | 9  | 2009 | 2            | 21   | 14.7 | 39.54                  | 32.92    | R   | 14               | R   |                      |     |     |     | 2.6 | R   |    |     |    |     |
| 16 | 2            | 9  | 2009 | 2            | 57   | 38.1 | 40.81                  | 31.06    | R   | 8                | R   |                      |     |     |     | 2.7 | R   |    |     |    |     |
| 17 | 2            | 9  | 2009 | 2            | 57   | 56.4 | 39.46                  | 39.90    | R   | 7                | R   |                      |     |     |     | 2.7 | R   |    |     |    |     |
| 18 | 2            | 9  | 2009 | 2            | 59   | 19.8 | 37.15                  | 27.06    | R   | 5                | R   |                      |     |     |     | 2.1 | R   |    |     |    |     |
| 19 | 2            | 9  | 2009 | 3            | 32   | 4.1  | 36.99                  | 28.54    | R   | 9                | R   |                      |     |     |     | 2.2 | R   |    |     |    |     |
| 20 | 2            | 9  | 2009 | 3            | 58   | 47.1 | 40.37                  | 26.37    | R   | 22               | R   |                      |     |     |     | 1.9 | R   |    |     |    |     |

**TÜRKİYE DEPREM ETKİNLİĞİ ( 2009 YILI EYLÜL AYI )**

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|----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|--|
|    | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |  |
| 21 | 2            | 9  | 2009 | 4            | 22   | 18.6 | 39.28                  | 41.38    | R   | 27               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |  |
| 22 | 2            | 9  | 2009 | 4            | 41   | 18.3 | 39.08                  | 32.89    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |  |
| 23 | 2            | 9  | 2009 | 8            | 17   | 36.9 | 38.12                  | 23.29    | N   | 4                | N   |                      |     |    |     |     |     | 4.4 | T   |    |     |  |
| 24 | 2            | 9  | 2009 | 8            | 39   | 33.8 | 36.95                  | 28.27    | R   | 6                | R   |                      |     |    |     | 2.0 | R   |     |     |    |     |  |
| 25 | 2            | 9  | 2009 | 9            | 16   | 16.2 | 37.27                  | 28.19    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |  |
| 26 | 2            | 9  | 2009 | 9            | 18   | 4.9  | 37.25                  | 28.20    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |  |
| 27 | 2            | 9  | 2009 | 9            | 21   | 23.6 | 39.11                  | 32.89    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |  |
| 28 | 2            | 9  | 2009 | 11           | 47   | 0.8  | 34.69                  | 33.08    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |  |
| 29 | 2            | 9  | 2009 | 12           | 29   | 1.8  | 38.33                  | 44.42    | R   | 5                | R   |                      |     |    |     |     |     | 3.6 | R   |    |     |  |
| 30 | 2            | 9  | 2009 | 13           | 6    | 54.3 | 37.54                  | 35.65    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |  |
| 31 | 2            | 9  | 2009 | 13           | 12   | 1.6  | 37.29                  | 28.12    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |  |
| 32 | 2            | 9  | 2009 | 13           | 13   | 28.1 | 37.93                  | 32.47    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |  |
| 33 | 2            | 9  | 2009 | 14           | 30   | 52.3 | 39.77                  | 35.02    | R   | 17               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |  |
| 34 | 2            | 9  | 2009 | 14           | 56   | 32.9 | 41.45                  | 35.99    | R   | 8                | R   |                      |     |    |     | 3.2 | R   |     |     |    |     |  |
| 35 | 2            | 9  | 2009 | 16           | 41   | 0.7  | 37.51                  | 35.65    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |  |
| 36 | 2            | 9  | 2009 | 17           | 19   | 55.5 | 37.61                  | 40.71    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |     |     |    |     |  |
| 37 | 2            | 9  | 2009 | 17           | 23   | 0.7  | 39.56                  | 26.12    | R   | 9                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |  |
| 38 | 2            | 9  | 2009 | 19           | 41   | 56.9 | 34.50                  | 32.28    | R   | 2                | R   |                      |     |    |     | 3.4 | R   |     |     |    |     |  |
| 39 | 2            | 9  | 2009 | 20           | 43   | 53.8 | 39.13                  | 32.84    | R   | 5                | R   |                      |     |    |     | 3.3 | R   |     |     |    |     |  |
| 40 | 2            | 9  | 2009 | 21           | 15   | 48.8 | 39.14                  | 32.86    | R   | 2                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |  |

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|----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|    | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 41 | 2            | 9  | 2009 | 22           | 18   | 54.8 | 37.89                  | 29.12    | R   | 6                | R   |                      |     |    |     | 2.2 | R   |    |     |    |     |
| 42 | 2            | 9  | 2009 | 22           | 59   | 25.1 | 39.15                  | 32.87    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 43 | 2            | 9  | 2009 | 23           | 46   | 48.0 | 36.77                  | 27.83    | R   | 28               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 44 | 3            | 9  | 2009 | 0            | 39   | 0.4  | 39.94                  | 42.67    | R   | 5                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 45 | 3            | 9  | 2009 | 1            | 24   | 7.7  | 40.55                  | 26.26    | R   | 4                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 46 | 3            | 9  | 2009 | 5            | 56   | 54.4 | 36.91                  | 27.49    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 47 | 3            | 9  | 2009 | 6            | 13   | 58.1 | 36.86                  | 27.40    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 48 | 3            | 9  | 2009 | 6            | 38   | 4.8  | 39.53                  | 29.04    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 49 | 3            | 9  | 2009 | 7            | 25   | 52.7 | 37.27                  | 28.17    | R   | 6                | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 50 | 3            | 9  | 2009 | 8            | 37   | 16.2 | 37.18                  | 28.17    | R   | 18               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 51 | 3            | 9  | 2009 | 8            | 46   | 36.0 | 38.21                  | 36.39    | R   | 2                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 52 | 3            | 9  | 2009 | 8            | 49   | 54.1 | 37.25                  | 28.18    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 53 | 3            | 9  | 2009 | 8            | 54   | 51.2 | 37.91                  | 27.50    | R   | 16               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 54 | 3            | 9  | 2009 | 9            | 4    | 3.8  | 37.05                  | 27.93    | R   | 5                | R   |                      |     |    |     | 2.2 | R   |    |     |    |     |
| 55 | 3            | 9  | 2009 | 9            | 39   | 55.8 | 38.17                  | 33.17    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 56 | 3            | 9  | 2009 | 10           | 40   | 40.2 | 39.87                  | 40.73    | R   | 4                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 57 | 3            | 9  | 2009 | 11           | 17   | 19.1 | 40.82                  | 27.92    | R   | 11               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 58 | 3            | 9  | 2009 | 11           | 42   | 46.5 | 38.96                  | 40.97    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 59 | 3            | 9  | 2009 | 12           | 28   | 5.9  | 40.80                  | 27.76    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 60 | 3            | 9  | 2009 | 12           | 45   | 13.0 | 38.40                  | 37.68    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |

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|----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|    | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 61 | 3            | 9  | 2009 | 13           | 0    | 26.3 | 39.43                  | 28.17    | R   | 8                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 62 | 3            | 9  | 2009 | 13           | 23   | 22.6 | 37.22                  | 37.38    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 63 | 3            | 9  | 2009 | 13           | 33   | 24.5 | 37.66                  | 32.06    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 64 | 3            | 9  | 2009 | 13           | 39   | 20.4 | 40.49                  | 29.20    | R   | 15               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 65 | 3            | 9  | 2009 | 15           | 39   | 24.8 | 39.78                  | 39.33    | R   | 4                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 66 | 3            | 9  | 2009 | 18           | 0    | 8.9  | 39.75                  | 26.45    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 67 | 3            | 9  | 2009 | 22           | 23   | 51.6 | 38.99                  | 26.98    | R   | 6                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 68 | 3            | 9  | 2009 | 22           | 39   | 55.1 | 36.80                  | 27.40    | R   | 5                | R   |                      |     |    |     | 1.8 | R   |    |     |    |     |
| 69 | 3            | 9  | 2009 | 23           | 45   | 33.7 | 37.09                  | 27.56    | R   | 5                | R   |                      |     |    |     | 1.8 | R   |    |     |    |     |
| 70 | 4            | 9  | 2009 | 1            | 21   | 51.4 | 36.22                  | 29.30    | R   | 7                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 71 | 4            | 9  | 2009 | 1            | 38   | 3.7  | 39.40                  | 39.50    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 72 | 4            | 9  | 2009 | 1            | 57   | 29.3 | 39.53                  | 33.82    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 73 | 4            | 9  | 2009 | 2            | 48   | 17.2 | 39.41                  | 39.53    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 74 | 4            | 9  | 2009 | 3            | 41   | 30.9 | 39.81                  | 32.97    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 75 | 4            | 9  | 2009 | 5            | 43   | 38.8 | 40.33                  | 27.04    | R   | 12               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 76 | 4            | 9  | 2009 | 7            | 39   | 21.4 | 39.44                  | 39.45    | R   | 32               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 77 | 4            | 9  | 2009 | 8            | 2    | 21.7 | 37.32                  | 28.25    | R   | 14               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 78 | 4            | 9  | 2009 | 8            | 17   | 39.0 | 39.10                  | 27.58    | R   | 7                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 79 | 4            | 9  | 2009 | 8            | 21   | 15.9 | 39.33                  | 32.85    | R   | 12               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 80 | 4            | 9  | 2009 | 8            | 49   | 21.8 | 39.06                  | 27.41    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 81  | 4            | 9  | 2009 | 8            | 51   | 34.8 | 35.92                  | 26.93    | R   | 14               | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 82  | 4            | 9  | 2009 | 8            | 53   | 7.3  | 39.07                  | 27.54    | R   | 11               | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 83  | 4            | 9  | 2009 | 9            | 14   | 13.0 | 39.61                  | 41.35    | R   | 6                | R   |                      |     |    |     | 2.3 | R   |     |     |    |     |
| 84  | 4            | 9  | 2009 | 12           | 18   | 5.8  | 37.75                  | 28.93    | R   | 15               | R   |                      |     |    |     | 2.3 | R   |     |     |    |     |
| 85  | 4            | 9  | 2009 | 16           | 47   | 7.5  | 40.35                  | 27.06    | R   | 6                | R   |                      |     |    |     | 2.1 | R   |     |     |    |     |
| 86  | 4            | 9  | 2009 | 17           | 58   | 57.2 | 38.61                  | 43.57    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 87  | 4            | 9  | 2009 | 19           | 43   | 39.4 | 38.47                  | 27.51    | R   | 4                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 88  | 4            | 9  | 2009 | 23           | 37   | 45.0 | 37.50                  | 35.64    | R   | 8                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 89  | 5            | 9  | 2009 | 1            | 53   | 14.4 | 38.86                  | 27.77    | R   | 6                | R   |                      |     |    |     |     |     | 3.4 | R   |    |     |
| 90  | 5            | 9  | 2009 | 3            | 16   | 57.5 | 39.17                  | 40.39    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 91  | 5            | 9  | 2009 | 5            | 19   | 1.5  | 38.83                  | 27.85    | R   | 11               | R   |                      |     |    |     |     |     | 3.7 | R   |    |     |
| 92  | 5            | 9  | 2009 | 5            | 31   | 27.7 | 38.84                  | 27.91    | R   | 8                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 93  | 5            | 9  | 2009 | 5            | 37   | 17.5 | 38.85                  | 27.92    | R   | 3                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 94  | 5            | 9  | 2009 | 12           | 18   | 44.7 | 40.26                  | 30.00    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 95  | 5            | 9  | 2009 | 15           | 7    | 33.8 | 39.27                  | 27.73    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 96  | 5            | 9  | 2009 | 15           | 18   | 13.4 | 38.81                  | 26.44    | R   | 14               | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 97  | 5            | 9  | 2009 | 16           | 55   | 29.2 | 39.01                  | 27.85    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 98  | 5            | 9  | 2009 | 17           | 2    | 34.5 | 40.27                  | 37.91    | R   | 4                | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 99  | 5            | 9  | 2009 | 18           | 13   | 19.1 | 39.67                  | 28.96    | R   | 5                | R   |                      |     |    |     |     |     | 3.3 | R   |    |     |
| 100 | 5            | 9  | 2009 | 18           | 42   | 57.4 | 39.69                  | 28.81    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |



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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 101 | 5            | 9  | 2009 | 22           | 12   | 13.1 | 40.65                  | 30.62    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 102 | 5            | 9  | 2009 | 22           | 31   | 0.3  | 37.62                  | 36.35    | R   | 9                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 103 | 6            | 9  | 2009 | 0            | 34   | 54.7 | 40.30                  | 27.07    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 104 | 6            | 9  | 2009 | 1            | 36   | 45.6 | 34.27                  | 30.91    | R   | 26               | R   |                      |     |    |     |     |     | 3.0 | R   |    |     |
| 105 | 6            | 9  | 2009 | 2            | 15   | 12.5 | 39.46                  | 26.59    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 106 | 6            | 9  | 2009 | 6            | 24   | 41.0 | 38.87                  | 27.08    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 107 | 6            | 9  | 2009 | 9            | 1    | 38.6 | 38.84                  | 27.83    | R   | 5                | R   |                      |     |    |     | 3.2 | R   | 3.2 | R   |    |     |
| 108 | 6            | 9  | 2009 | 10           | 34   | 28.1 | 35.87                  | 29.88    | R   | 32               | R   |                      |     |    |     | 3.4 | R   |     |     |    |     |
| 109 | 6            | 9  | 2009 | 13           | 9    | 7.7  | 36.09                  | 29.98    | R   | 5                | R   |                      |     |    |     | 3.3 | R   |     |     |    |     |
| 110 | 6            | 9  | 2009 | 17           | 30   | 0.1  | 37.83                  | 33.57    | R   | 7                | R   |                      |     |    |     | 3.3 | R   | 3.3 | R   |    |     |
| 111 | 6            | 9  | 2009 | 18           | 36   | 17.5 | 37.61                  | 26.86    | R   | 14               | R   |                      |     |    |     |     |     | 3.6 | R   |    |     |
| 112 | 6            | 9  | 2009 | 19           | 46   | 18.4 | 37.60                  | 32.68    | R   | 17               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 113 | 6            | 9  | 2009 | 22           | 45   | 30.5 | 35.98                  | 30.33    | R   | 49               | R   |                      |     |    |     | 3.5 | R   |     |     |    |     |
| 114 | 7            | 9  | 2009 | 0            | 49   | 12.5 | 37.05                  | 36.23    | R   | 25               | R   |                      |     |    |     | 3.2 | R   |     |     |    |     |
| 115 | 7            | 9  | 2009 | 2            | 2    | 41.6 | 38.89                  | 27.19    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 116 | 7            | 9  | 2009 | 5            | 57   | 38.4 | 37.40                  | 38.62    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 117 | 7            | 9  | 2009 | 10           | 4    | 11.5 | 37.28                  | 28.20    | R   | 7                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 118 | 7            | 9  | 2009 | 13           | 5    | 18.4 | 39.22                  | 38.15    | R   | 4                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 119 | 7            | 9  | 2009 | 13           | 25   | 42.6 | 37.51                  | 35.67    | R   | 9                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 120 | 7            | 9  | 2009 | 18           | 31   | 44.7 | 38.30                  | 27.22    | R   | 27               | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw  | Ref |
| 121 | 7            | 9  | 2009 | 19           | 22   | 55.5 | 39.85                  | 26.29    | R   | 5                | R   |                      |     |     |     | 2.6 | R   |     |     |     |     |
| 122 | 7            | 9  | 2009 | 19           | 43   | 53.4 | 37.41                  | 35.87    | R   | 22               | R   |                      |     |     |     | 2.4 | R   |     |     |     |     |
| 123 | 7            | 9  | 2009 | 20           | 30   | 44.7 | 38.85                  | 27.84    | R   | 6                | R   |                      |     |     |     | 3.0 | R   |     |     |     |     |
| 124 | 7            | 9  | 2009 | 22           | 41   | 37.3 | 42.66                  | 43.44    | N   | 15               | N   |                      |     |     |     |     |     | 5.9 | R   | 6.0 | N   |
| 125 | 7            | 9  | 2009 | 22           | 49   | 29.4 | 42.62                  | 43.49    | N   | 10               | N   |                      |     | 4.8 | N   |     |     | 4.7 | R   |     |     |
| 126 | 7            | 9  | 2009 | 23           | 16   | 7.6  | 38.68                  | 28.89    | R   | 5                | R   |                      |     |     |     | 2.7 | R   |     |     |     |     |
| 127 | 7            | 9  | 2009 | 23           | 21   | 3.3  | 42.70                  | 43.42    | N   | 10               | N   |                      |     | 4.5 | N   |     |     | 4.3 | R   |     |     |
| 128 | 8            | 9  | 2009 | 0            | 18   | 40.6 | 42.48                  | 43.08    | R   | 3                | R   |                      |     |     |     | 3.4 | R   |     |     |     |     |
| 129 | 8            | 9  | 2009 | 0            | 19   | 28.2 | 34.95                  | 33.51    | R   | 31               | R   |                      |     |     |     | 2.1 | R   |     |     |     |     |
| 130 | 8            | 9  | 2009 | 1            | 3    | 22.8 | 37.13                  | 28.71    | R   | 6                | R   |                      |     |     |     | 2.3 | R   |     |     |     |     |
| 131 | 8            | 9  | 2009 | 1            | 9    | 47.8 | 42.40                  | 43.12    | R   | 5                | R   |                      |     |     |     | 3.5 | R   |     |     |     |     |
| 132 | 8            | 9  | 2009 | 1            | 24   | 57.7 | 42.43                  | 42.98    | R   | 2                | R   |                      |     |     |     | 3.4 | R   |     |     |     |     |
| 133 | 8            | 9  | 2009 | 1            | 40   | 44.2 | 42.28                  | 43.00    | R   | 5                | R   |                      |     |     |     | 3.7 | R   |     |     |     |     |
| 134 | 8            | 9  | 2009 | 2            | 57   | 50.9 | 42.43                  | 43.35    | R   | 5                | R   |                      |     |     |     | 3.8 | R   |     |     |     |     |
| 135 | 8            | 9  | 2009 | 5            | 2    | 47.9 | 39.06                  | 27.83    | R   | 3                | R   |                      |     |     |     | 2.8 | R   |     |     |     |     |
| 136 | 8            | 9  | 2009 | 5            | 15   | 23.2 | 37.84                  | 27.58    | R   | 3                | R   |                      |     |     |     | 3.0 | R   |     |     |     |     |
| 137 | 8            | 9  | 2009 | 7            | 54   | 18.3 | 37.12                  | 28.77    | R   | 10               | R   |                      |     |     |     | 2.8 | R   |     |     |     |     |
| 138 | 8            | 9  | 2009 | 10           | 36   | 0.9  | 39.65                  | 29.43    | R   | 7                | R   |                      |     |     |     | 2.7 | R   |     |     |     |     |
| 139 | 8            | 9  | 2009 | 10           | 43   | 27.7 | 39.64                  | 29.39    | R   | 3                | R   |                      |     |     |     | 2.9 | R   |     |     |     |     |
| 140 | 8            | 9  | 2009 | 17           | 50   | 49.1 | 42.66                  | 43.41    | N   | 12               | N   |                      |     | 4.7 | N   |     |     |     |     |     |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 141 | 8            | 9  | 2009 | 18           | 57   | 13.2 | 39.21                  | 40.51    | R   | 10               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 142 | 8            | 9  | 2009 | 21           | 30   | 2.8  | 42.47                  | 43.02    | R   | 6                | R   |                      |     |     |     | 3.5 | R   |     |     |    |     |
| 143 | 8            | 9  | 2009 | 23           | 46   | 6.5  | 37.24                  | 28.13    | R   | 11               | R   |                      |     |     |     | 2.1 | R   |     |     |    |     |
| 144 | 9            | 9  | 2009 | 1            | 1    | 15.0 | 37.14                  | 34.87    | R   | 47               | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 145 | 9            | 9  | 2009 | 3            | 47   | 20.2 | 36.38                  | 27.75    | R   | 78               | R   |                      |     |     |     | 3.4 | R   |     |     |    |     |
| 146 | 9            | 9  | 2009 | 4            | 54   | 12.9 | 42.42                  | 43.03    | R   | 5                | R   |                      |     |     |     | 3.5 | R   |     |     |    |     |
| 147 | 9            | 9  | 2009 | 5            | 56   | 46.9 | 35.84                  | 29.93    | N   | 10               | N   |                      |     | 4.3 | N   |     |     | 4.3 | R   |    |     |
| 148 | 9            | 9  | 2009 | 6            | 7    | 8.8  | 40.73                  | 34.82    | R   | 10               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 149 | 9            | 9  | 2009 | 7            | 42   | 51.1 | 37.29                  | 28.26    | R   | 3                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 150 | 9            | 9  | 2009 | 8            | 36   | 16.8 | 42.54                  | 43.57    | N   | 9                | N   |                      |     | 4.6 | N   |     |     | 4.2 | R   |    |     |
| 151 | 9            | 9  | 2009 | 9            | 48   | 40.7 | 39.94                  | 33.53    | R   | 8                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 152 | 9            | 9  | 2009 | 13           | 17   | 2.3  | 37.34                  | 28.24    | R   | 7                | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 153 | 9            | 9  | 2009 | 13           | 36   | 22.1 | 39.14                  | 28.93    | R   | 10               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 154 | 9            | 9  | 2009 | 13           | 37   | 49.4 | 39.12                  | 29.00    | R   | 8                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 155 | 9            | 9  | 2009 | 13           | 42   | 0.7  | 39.29                  | 27.65    | R   | 8                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 156 | 9            | 9  | 2009 | 13           | 57   | 37.3 | 37.24                  | 28.18    | R   | 12               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 157 | 9            | 9  | 2009 | 15           | 26   | 11.9 | 37.46                  | 38.63    | R   | 5                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 158 | 9            | 9  | 2009 | 16           | 30   | 13.0 | 40.97                  | 36.02    | R   | 9                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 159 | 9            | 9  | 2009 | 17           | 21   | 55.5 | 36.03                  | 33.33    | R   | 4                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 160 | 9            | 9  | 2009 | 17           | 27   | 10.3 | 38.22                  | 31.35    | R   | 2                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 161 | 9            | 9  | 2009 | 18           | 24   | 32.8 | 37.03                  | 29.15    | R   | 8                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 162 | 9            | 9  | 2009 | 19           | 55   | 21.7 | 39.13                  | 29.02    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 163 | 9            | 9  | 2009 | 20           | 1    | 42.1 | 38.18                  | 42.44    | R   | 5                | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 164 | 9            | 9  | 2009 | 21           | 36   | 15.6 | 38.70                  | 42.39    | R   | 5                | R   |                      |     |    |     |     |     | 3.9 | R   |    |     |
| 165 | 9            | 9  | 2009 | 22           | 30   | 35.6 | 37.09                  | 27.84    | R   | 18               | R   |                      |     |    |     | 2.0 | R   |     |     |    |     |
| 166 | 9            | 9  | 2009 | 22           | 33   | 59.8 | 36.00                  | 28.05    | R   | 19               | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 167 | 9            | 9  | 2009 | 22           | 34   | 53.8 | 40.34                  | 33.55    | R   | 2                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 168 | 9            | 9  | 2009 | 22           | 58   | 16.1 | 35.97                  | 29.68    | R   | 24               | R   |                      |     |    |     | 3.9 | R   |     |     |    |     |
| 169 | 9            | 9  | 2009 | 23           | 26   | 42.0 | 35.98                  | 33.46    | R   | 12               | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 170 | 9            | 9  | 2009 | 23           | 46   | 58.6 | 37.25                  | 31.08    | R   | 104              | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 171 | 10           | 9  | 2009 | 0            | 57   | 52.8 | 36.63                  | 36.55    | R   | 6                | R   |                      |     |    |     | 3.7 | R   |     |     |    |     |
| 172 | 10           | 9  | 2009 | 1            | 4    | 59.9 | 35.93                  | 33.38    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 173 | 10           | 9  | 2009 | 1            | 18   | 27.5 | 37.93                  | 30.91    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 174 | 10           | 9  | 2009 | 1            | 31   | 54.5 | 36.94                  | 29.20    | R   | 2                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 175 | 10           | 9  | 2009 | 1            | 52   | 33.5 | 38.16                  | 30.73    | R   | 10               | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 176 | 10           | 9  | 2009 | 3            | 20   | 41.1 | 39.07                  | 33.05    | R   | 9                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 177 | 10           | 9  | 2009 | 4            | 8    | 32.3 | 39.67                  | 28.81    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 178 | 10           | 9  | 2009 | 7            | 7    | 0.8  | 40.15                  | 40.96    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 179 | 10           | 9  | 2009 | 7            | 8    | 55.7 | 38.04                  | 30.13    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 180 | 10           | 9  | 2009 | 7            | 26   | 32.7 | 37.18                  | 28.20    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 181 | 10           | 9  | 2009 | 7            | 52   | 35.7 | 36.93                  | 29.21    | R   | 5                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 182 | 10           | 9  | 2009 | 8            | 3    | 30.1 | 38.98                  | 27.44    | R   | 11               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 183 | 10           | 9  | 2009 | 9            | 24   | 18.7 | 37.25                  | 28.20    | R   | 6                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 184 | 10           | 9  | 2009 | 9            | 25   | 54.3 | 36.96                  | 32.58    | R   | 28               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 185 | 10           | 9  | 2009 | 9            | 51   | 44.8 | 40.10                  | 29.02    | R   | 7                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 186 | 10           | 9  | 2009 | 9            | 57   | 59.8 | 39.70                  | 29.41    | R   | 9                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 187 | 10           | 9  | 2009 | 10           | 0    | 15.1 | 36.93                  | 39.28    | R   | 5                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 188 | 10           | 9  | 2009 | 10           | 1    | 56.6 | 39.63                  | 29.43    | R   | 10               | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 189 | 10           | 9  | 2009 | 10           | 17   | 8.2  | 39.07                  | 27.51    | R   | 16               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 190 | 10           | 9  | 2009 | 10           | 21   | 4.3  | 37.76                  | 32.30    | R   | 2                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 191 | 10           | 9  | 2009 | 10           | 53   | 2.4  | 39.65                  | 29.44    | R   | 2                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 192 | 10           | 9  | 2009 | 11           | 30   | 30.2 | 37.41                  | 37.16    | R   | 13               | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 193 | 10           | 9  | 2009 | 11           | 36   | 31.6 | 39.50                  | 32.95    | R   | 4                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 194 | 10           | 9  | 2009 | 12           | 21   | 34.1 | 37.52                  | 37.19    | R   | 7                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 195 | 10           | 9  | 2009 | 14           | 3    | 29.4 | 40.72                  | 29.65    | R   | 11               | R   |                      |     |     |     |     |     | 3.1 | R   |    |     |
| 196 | 10           | 9  | 2009 | 14           | 33   | 57.3 | 37.28                  | 28.21    | R   | 5                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 197 | 10           | 9  | 2009 | 14           | 58   | 16.5 | 37.28                  | 28.25    | R   | 3                | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 198 | 10           | 9  | 2009 | 16           | 20   | 47.1 | 38.47                  | 39.05    | R   | 6                | R   |                      |     |     |     | 3.5 | R   |     |     |    |     |
| 199 | 10           | 9  | 2009 | 17           | 6    | 17.8 | 37.80                  | 29.25    | R   | 5                | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 200 | 10           | 9  | 2009 | 18           | 29   | 52.1 | 37.94                  | 32.52    | R   | 2                | R   |                      |     | 4.7 | N   |     |     | 4.4 | R   |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 201 | 10           | 9  | 2009 | 18           | 39   | 56.6 | 37.93                  | 32.53    | R   | 7                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 202 | 10           | 9  | 2009 | 18           | 51   | 16.3 | 37.92                  | 32.44    | R   | 12               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 203 | 10           | 9  | 2009 | 19           | 19   | 5.4  | 37.94                  | 32.41    | R   | 10               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 204 | 10           | 9  | 2009 | 20           | 6    | 45.1 | 39.84                  | 40.59    | R   | 5                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 205 | 10           | 9  | 2009 | 20           | 40   | 36.0 | 37.91                  | 32.52    | R   | 13               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 206 | 10           | 9  | 2009 | 20           | 43   | 7.9  | 37.93                  | 32.22    | R   | 12               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 207 | 10           | 9  | 2009 | 21           | 23   | 59.7 | 37.92                  | 32.44    | R   | 14               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 208 | 10           | 9  | 2009 | 21           | 58   | 8.6  | 37.79                  | 32.39    | R   | 16               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 209 | 10           | 9  | 2009 | 22           | 15   | 4.3  | 36.52                  | 27.38    | R   | 18               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 210 | 10           | 9  | 2009 | 23           | 48   | 53.2 | 37.90                  | 32.46    | R   | 6                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 211 | 11           | 9  | 2009 | 0            | 6    | 47.8 | 37.92                  | 32.47    | R   | 16               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 212 | 11           | 9  | 2009 | 0            | 16   | 51.8 | 37.90                  | 32.49    | R   | 16               | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 213 | 11           | 9  | 2009 | 0            | 28   | 35.3 | 37.92                  | 32.28    | R   | 16               | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 214 | 11           | 9  | 2009 | 1            | 3    | 10.4 | 37.03                  | 28.01    | R   | 21               | R   |                      |     |     |     | 1.4 | R   |     |     |    |     |
| 215 | 11           | 9  | 2009 | 1            | 8    | 47.0 | 37.88                  | 32.58    | R   | 12               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 216 | 11           | 9  | 2009 | 1            | 44   | 50.3 | 37.69                  | 36.21    | R   | 5                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 217 | 11           | 9  | 2009 | 1            | 58   | 29.9 | 37.94                  | 32.50    | R   | 7                | R   |                      |     | 4.8 | N   |     |     | 4.7 | R   |    |     |
| 218 | 11           | 9  | 2009 | 2            | 4    | 57.7 | 38.01                  | 38.24    | R   | 22               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 219 | 11           | 9  | 2009 | 2            | 7    | 40.4 | 37.91                  | 32.50    | R   | 8                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 220 | 11           | 9  | 2009 | 2            | 19   | 11.0 | 37.90                  | 32.45    | R   | 12               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 221 | 11           | 9  | 2009 | 2            | 20   | 49.8 | 37.94                  | 32.67    | R   | 4                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |
| 222 | 11           | 9  | 2009 | 2            | 25   | 48.4 | 37.92                  | 32.54    | R   | 6                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 223 | 11           | 9  | 2009 | 2            | 40   | 3.2  | 37.92                  | 32.55    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 224 | 11           | 9  | 2009 | 3            | 7    | 25.2 | 37.92                  | 32.61    | R   | 8                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 225 | 11           | 9  | 2009 | 3            | 11   | 59.7 | 37.92                  | 32.50    | R   | 11               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 226 | 11           | 9  | 2009 | 3            | 31   | 5.8  | 37.91                  | 32.57    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 227 | 11           | 9  | 2009 | 3            | 53   | 34.3 | 37.92                  | 32.47    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 228 | 11           | 9  | 2009 | 4            | 30   | 22.4 | 37.92                  | 32.53    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 229 | 11           | 9  | 2009 | 5            | 20   | 45.4 | 36.85                  | 27.53    | R   | 4                | R   |                      |     |    |     | 2.0 | R   |     |     |    |     |
| 230 | 11           | 9  | 2009 | 5            | 31   | 53.3 | 37.90                  | 32.55    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 231 | 11           | 9  | 2009 | 5            | 59   | 31.3 | 37.93                  | 32.56    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 232 | 11           | 9  | 2009 | 6            | 48   | 31.9 | 38.66                  | 39.00    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |
| 233 | 11           | 9  | 2009 | 7            | 27   | 0.7  | 37.25                  | 28.21    | R   | 6                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 234 | 11           | 9  | 2009 | 7            | 32   | 21.1 | 37.91                  | 32.48    | R   | 5                | R   |                      |     |    |     |     |     | 3.5 | R   |    |     |
| 235 | 11           | 9  | 2009 | 7            | 45   | 25.1 | 37.92                  | 32.50    | R   | 2                | R   |                      |     |    |     |     |     | 2.8 | R   |    |     |
| 236 | 11           | 9  | 2009 | 8            | 14   | 10.8 | 40.35                  | 27.12    | R   | 12               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 237 | 11           | 9  | 2009 | 9            | 14   | 32.3 | 37.92                  | 32.53    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 238 | 11           | 9  | 2009 | 9            | 26   | 19.4 | 39.76                  | 29.42    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 239 | 11           | 9  | 2009 | 9            | 28   | 23.5 | 37.32                  | 28.18    | R   | 6                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 240 | 11           | 9  | 2009 | 9            | 28   | 43.9 | 39.89                  | 28.84    | R   | 6                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 241 | 11           | 9  | 2009 | 10           | 10   | 40.9 | 41.66                  | 34.89    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 242 | 11           | 9  | 2009 | 10           | 19   | 26.0 | 37.90                  | 32.51    | R   | 12               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 243 | 11           | 9  | 2009 | 10           | 37   | 27.9 | 37.95                  | 32.43    | R   | 10               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 244 | 11           | 9  | 2009 | 11           | 23   | 16.5 | 37.96                  | 32.48    | R   | 11               | R   |                      |     |    |     | 2.3 | R   |    |     |    |     |
| 245 | 11           | 9  | 2009 | 11           | 33   | 15.5 | 37.95                  | 32.49    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 246 | 11           | 9  | 2009 | 11           | 49   | 28.3 | 37.85                  | 32.54    | R   | 12               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 247 | 11           | 9  | 2009 | 12           | 14   | 43.5 | 40.35                  | 39.86    | R   | 16               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 248 | 11           | 9  | 2009 | 12           | 24   | 49.6 | 37.92                  | 32.34    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 249 | 11           | 9  | 2009 | 12           | 35   | 22.7 | 37.90                  | 32.50    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 250 | 11           | 9  | 2009 | 12           | 40   | 17.8 | 39.11                  | 29.02    | R   | 8                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 251 | 11           | 9  | 2009 | 13           | 6    | 36.4 | 37.60                  | 30.57    | R   | 14               | R   |                      |     |    |     | 1.9 | R   |    |     |    |     |
| 252 | 11           | 9  | 2009 | 13           | 7    | 37.6 | 37.93                  | 32.54    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 253 | 11           | 9  | 2009 | 13           | 19   | 6.8  | 39.15                  | 27.74    | R   | 13               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 254 | 11           | 9  | 2009 | 13           | 57   | 28.0 | 36.84                  | 27.60    | R   | 85               | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 255 | 11           | 9  | 2009 | 14           | 1    | 10.7 | 38.70                  | 28.83    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 256 | 11           | 9  | 2009 | 14           | 12   | 19.8 | 41.08                  | 34.51    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 257 | 11           | 9  | 2009 | 14           | 17   | 6.1  | 40.97                  | 33.70    | R   | 7                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 258 | 11           | 9  | 2009 | 14           | 25   | 6.0  | 40.35                  | 27.77    | R   | 3                | R   |                      |     |    |     | 1.9 | R   |    |     |    |     |
| 259 | 11           | 9  | 2009 | 14           | 31   | 45.5 | 38.11                  | 32.52    | R   | 14               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 260 | 11           | 9  | 2009 | 14           | 42   | 54.4 | 36.79                  | 29.09    | R   | 4                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |



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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 261 | 11           | 9  | 2009 | 14           | 52   | 34.5 | 37.22                  | 34.83    | R   | 9                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 262 | 11           | 9  | 2009 | 14           | 59   | 0.0  | 38.03                  | 38.25    | R   | 8                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 263 | 11           | 9  | 2009 | 15           | 34   | 30.5 | 37.98                  | 32.36    | R   | 5                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 264 | 11           | 9  | 2009 | 16           | 57   | 10.1 | 38.97                  | 28.97    | R   | 18               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 265 | 11           | 9  | 2009 | 17           | 28   | 49.2 | 37.87                  | 32.20    | R   | 13               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 266 | 11           | 9  | 2009 | 18           | 35   | 48.6 | 36.97                  | 27.82    | R   | 5                | R   |                      |     |     |     | 2.3 | R   |     |     |    |     |
| 267 | 11           | 9  | 2009 | 18           | 50   | 2.3  | 38.78                  | 36.61    | R   | 6                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 268 | 11           | 9  | 2009 | 19           | 30   | 36.4 | 38.55                  | 39.49    | R   | 4                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 269 | 11           | 9  | 2009 | 20           | 0    | 47.2 | 37.95                  | 32.44    | R   | 6                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 270 | 11           | 9  | 2009 | 20           | 38   | 10.4 | 40.72                  | 30.62    | R   | 14               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 271 | 11           | 9  | 2009 | 21           | 5    | 15.0 | 38.03                  | 32.35    | R   | 5                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 272 | 11           | 9  | 2009 | 21           | 27   | 47.9 | 34.46                  | 32.29    | R   | 9                | R   |                      |     |     |     | 3.7 | R   |     |     |    |     |
| 273 | 11           | 9  | 2009 | 22           | 2    | 4.1  | 34.92                  | 32.64    | R   | 16               | R   |                      |     |     |     | 3.4 | R   |     |     |    |     |
| 274 | 11           | 9  | 2009 | 22           | 10   | 7.5  | 37.53                  | 27.01    | R   | 8                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 275 | 11           | 9  | 2009 | 22           | 14   | 36.0 | 37.47                  | 27.05    | R   | 13               | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 276 | 11           | 9  | 2009 | 22           | 58   | 38.8 | 42.07                  | 26.43    | R   | 7                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 277 | 11           | 9  | 2009 | 23           | 1    | 3.4  | 42.06                  | 26.38    | R   | 5                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 278 | 12           | 9  | 2009 | 0            | 9    | 2.2  | 37.55                  | 27.01    | R   | 16               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 279 | 12           | 9  | 2009 | 0            | 50   | 38.9 | 37.47                  | 26.99    | R   | 12               | R   |                      |     | 4.3 | N   |     |     | 4.4 | R   |    |     |
| 280 | 12           | 9  | 2009 | 0            | 57   | 11.9 | 37.39                  | 27.09    | R   | 24               | R   |                      |     |     |     | 3.4 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 281 | 12           | 9  | 2009 | 1            | 27   | 32.2 | 39.80                  | 38.98    | R   | 17               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 282 | 12           | 9  | 2009 | 1            | 56   | 52.9 | 39.60                  | 43.79    | R   | 5                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 283 | 12           | 9  | 2009 | 4            | 4    | 22.6 | 37.95                  | 32.45    | R   | 6                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 284 | 12           | 9  | 2009 | 6            | 41   | 58.5 | 39.32                  | 36.85    | R   | 5                | R   |                      |     |     |     | 3.7 | R   |     |     |    |     |
| 285 | 12           | 9  | 2009 | 7            | 24   | 24.4 | 38.61                  | 27.12    | R   | 16               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 286 | 12           | 9  | 2009 | 7            | 52   | 6.4  | 36.19                  | 27.54    | R   | 5                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 287 | 12           | 9  | 2009 | 9            | 22   | 54.1 | 37.43                  | 35.41    | R   | 7                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 288 | 12           | 9  | 2009 | 9            | 41   | 21.2 | 42.68                  | 43.43    | N   | 10               | N   |                      |     | 4.6 | N   |     |     |     |     |    |     |
| 289 | 12           | 9  | 2009 | 10           | 22   | 50.8 | 38.86                  | 31.62    | R   | 11               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 290 | 12           | 9  | 2009 | 10           | 25   | 35.1 | 40.83                  | 31.48    | R   | 9                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 291 | 12           | 9  | 2009 | 12           | 12   | 53.1 | 34.00                  | 25.51    | N   | 31               | N   |                      |     | 4.4 | N   |     |     | 4.2 | R   |    |     |
| 292 | 12           | 9  | 2009 | 12           | 18   | 39.5 | 38.90                  | 26.27    | R   | 8                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 293 | 12           | 9  | 2009 | 12           | 45   | 36.9 | 38.73                  | 42.49    | R   | 11               | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 294 | 12           | 9  | 2009 | 13           | 9    | 27.8 | 39.47                  | 33.07    | R   | 4                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 295 | 12           | 9  | 2009 | 14           | 54   | 6.2  | 37.07                  | 32.54    | R   | 16               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 296 | 12           | 9  | 2009 | 16           | 14   | 9.9  | 35.51                  | 27.11    | R   | 8                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 297 | 12           | 9  | 2009 | 18           | 1    | 7.1  | 37.70                  | 29.35    | R   | 17               | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 298 | 12           | 9  | 2009 | 18           | 30   | 7.9  | 39.07                  | 26.81    | R   | 3                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 299 | 12           | 9  | 2009 | 19           | 56   | 40.7 | 37.86                  | 32.51    | R   | 2                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 300 | 12           | 9  | 2009 | 20           | 39   | 55.9 | 37.95                  | 32.23    | R   | 3                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 301 | 12           | 9  | 2009 | 21           | 33   | 16.6 | 37.15                  | 28.61    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 302 | 12           | 9  | 2009 | 22           | 50   | 40.8 | 39.87                  | 41.89    | R   | 2                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 303 | 12           | 9  | 2009 | 23           | 0    | 34.4 | 39.94                  | 34.09    | R   | 18               | R   |                      |     |    |     | 2.3 | R   |    |     |    |     |
| 304 | 12           | 9  | 2009 | 23           | 13   | 36.1 | 37.99                  | 32.45    | R   | 3                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 305 | 12           | 9  | 2009 | 23           | 20   | 27.2 | 37.99                  | 32.43    | R   | 2                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 306 | 12           | 9  | 2009 | 23           | 49   | 57.2 | 38.92                  | 27.06    | R   | 5                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 307 | 13           | 9  | 2009 | 0            | 9    | 33.2 | 38.92                  | 26.77    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 308 | 13           | 9  | 2009 | 0            | 35   | 14.7 | 37.90                  | 32.52    | R   | 4                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 309 | 13           | 9  | 2009 | 0            | 42   | 39.3 | 37.64                  | 31.81    | R   | 12               | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 310 | 13           | 9  | 2009 | 0            | 45   | 42.0 | 38.91                  | 27.08    | R   | 4                | R   |                      |     |    |     | 3.4 | R   |    |     |    |     |
| 311 | 13           | 9  | 2009 | 0            | 49   | 3.7  | 39.00                  | 27.11    | R   | 6                | R   |                      |     |    |     | 3.4 | R   |    |     |    |     |
| 312 | 13           | 9  | 2009 | 0            | 55   | 37.9 | 42.35                  | 42.97    | R   | 4                | R   |                      |     |    |     | 3.3 | R   |    |     |    |     |
| 313 | 13           | 9  | 2009 | 2            | 28   | 8.7  | 37.56                  | 27.07    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 314 | 13           | 9  | 2009 | 3            | 28   | 43.8 | 37.50                  | 35.65    | R   | 12               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 315 | 13           | 9  | 2009 | 3            | 59   | 4.8  | 38.91                  | 27.08    | R   | 5                | R   |                      |     |    |     | 3.4 | R   |    |     |    |     |
| 316 | 13           | 9  | 2009 | 4            | 33   | 47.2 | 38.88                  | 26.97    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 317 | 13           | 9  | 2009 | 4            | 39   | 38.2 | 38.90                  | 26.94    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 318 | 13           | 9  | 2009 | 4            | 54   | 54.1 | 37.72                  | 26.86    | R   | 3                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 319 | 13           | 9  | 2009 | 4            | 58   | 29.8 | 36.81                  | 27.39    | R   | 15               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 320 | 13           | 9  | 2009 | 6            | 14   | 29.0 | 37.68                  | 38.76    | R   | 11               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 321 | 13           | 9  | 2009 | 6            | 27   | 29.7 | 37.93                  | 32.52    | R   | 4                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 322 | 13           | 9  | 2009 | 7            | 27   | 57.6 | 38.92                  | 27.05    | R   | 5                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 323 | 13           | 9  | 2009 | 7            | 43   | 47.2 | 34.03                  | 25.46    | N   | 10               | N   |                      |     | 4.5 | N   |     |     | 4.1 | R   |    |     |
| 324 | 13           | 9  | 2009 | 8            | 2    | 41.0 | 40.60                  | 28.97    | R   | 9                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 325 | 13           | 9  | 2009 | 9            | 9    | 43.1 | 37.98                  | 32.34    | R   | 6                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 326 | 13           | 9  | 2009 | 9            | 23   | 6.5  | 36.93                  | 28.27    | R   | 4                | R   |                      |     |     |     | 1.9 | R   |     |     |    |     |
| 327 | 13           | 9  | 2009 | 10           | 25   | 7.1  | 37.93                  | 27.15    | R   | 5                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 328 | 13           | 9  | 2009 | 11           | 37   | 9.6  | 37.28                  | 28.21    | R   | 8                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 329 | 13           | 9  | 2009 | 14           | 52   | 21.8 | 38.95                  | 35.85    | R   | 5                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 330 | 13           | 9  | 2009 | 17           | 1    | 4.3  | 42.02                  | 42.71    | R   | 5                | R   |                      |     |     |     | 3.7 | R   |     |     |    |     |
| 331 | 13           | 9  | 2009 | 17           | 6    | 12.2 | 36.81                  | 27.69    | R   | 16               | R   |                      |     |     |     | 1.9 | R   |     |     |    |     |
| 332 | 13           | 9  | 2009 | 18           | 39   | 16.5 | 40.12                  | 27.13    | R   | 10               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 333 | 13           | 9  | 2009 | 21           | 52   | 34.1 | 37.90                  | 32.59    | R   | 11               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 334 | 13           | 9  | 2009 | 22           | 13   | 45.4 | 39.66                  | 27.80    | R   | 10               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 335 | 13           | 9  | 2009 | 23           | 32   | 38.8 | 38.92                  | 27.05    | R   | 10               | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 336 | 14           | 9  | 2009 | 0            | 9    | 9.6  | 38.52                  | 44.33    | R   | 5                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 337 | 14           | 9  | 2009 | 0            | 13   | 45.3 | 36.60                  | 36.60    | R   | 5                | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |
| 338 | 14           | 9  | 2009 | 0            | 56   | 48.0 | 38.52                  | 44.40    | R   | 5                | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |
| 339 | 14           | 9  | 2009 | 2            | 59   | 24.6 | 39.39                  | 38.96    | R   | 8                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 340 | 14           | 9  | 2009 | 3            | 14   | 30.0 | 40.24                  | 30.06    | R   | 8                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 341 | 14           | 9  | 2009 | 3            | 26   | 37.2 | 38.43                  | 39.23    | R   | 8                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 342 | 14           | 9  | 2009 | 4            | 2    | 46.8 | 39.71                  | 27.96    | R   | 6                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 343 | 14           | 9  | 2009 | 4            | 47   | 5.6  | 37.14                  | 28.43    | R   | 3                | R   |                      |     |     |     | 2.0 | R   |     |     |    |     |
| 344 | 14           | 9  | 2009 | 5            | 37   | 13.7 | 34.79                  | 28.42    | R   | 54               | R   |                      |     |     |     | 4.1 | R   |     |     |    |     |
| 345 | 14           | 9  | 2009 | 7            | 57   | 30.6 | 39.80                  | 29.48    | R   | 16               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 346 | 14           | 9  | 2009 | 8            | 52   | 50.4 | 38.82                  | 25.99    | R   | 14               | R   |                      |     |     |     |     |     | 3.7 | R   |    |     |
| 347 | 14           | 9  | 2009 | 10           | 18   | 30.8 | 37.25                  | 28.20    | R   | 7                | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 348 | 14           | 9  | 2009 | 10           | 37   | 41.9 | 41.08                  | 27.77    | R   | 6                | R   |                      |     |     |     | 2.4 | R   |     |     |    |     |
| 349 | 14           | 9  | 2009 | 11           | 58   | 29.0 | 36.82                  | 27.59    | R   | 17               | R   |                      |     |     |     | 2.5 | R   |     |     |    |     |
| 350 | 14           | 9  | 2009 | 14           | 40   | 33.7 | 38.27                  | 38.29    | R   | 28               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 351 | 14           | 9  | 2009 | 14           | 48   | 22.2 | 37.62                  | 36.30    | R   | 8                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 352 | 14           | 9  | 2009 | 14           | 57   | 48.3 | 37.15                  | 36.26    | R   | 5                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 353 | 14           | 9  | 2009 | 15           | 38   | 54.4 | 37.17                  | 39.33    | R   | 11               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 354 | 14           | 9  | 2009 | 18           | 3    | 45.9 | 37.59                  | 29.99    | R   | 13               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 355 | 14           | 9  | 2009 | 23           | 6    | 26.7 | 33.99                  | 25.66    | N   | 30               | N   |                      |     | 4.4 | N   |     |     | 4.0 | R   |    |     |
| 356 | 15           | 9  | 2009 | 1            | 0    | 28.9 | 37.41                  | 26.71    | R   | 3                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 357 | 15           | 9  | 2009 | 1            | 13   | 34.9 | 33.97                  | 25.57    | N   | 10               | N   |                      |     | 4.5 | N   |     |     |     |     |    |     |
| 358 | 15           | 9  | 2009 | 2            | 6    | 14.1 | 38.95                  | 27.15    | R   | 20               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 359 | 15           | 9  | 2009 | 5            | 5    | 10.8 | 37.51                  | 35.65    | R   | 8                | R   |                      |     |     |     | 3.4 | R   |     |     |    |     |
| 360 | 15           | 9  | 2009 | 8            | 56   | 5.7  | 37.30                  | 28.22    | R   | 7                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 361 | 15           | 9  | 2009 | 9            | 23   | 47.5 | 39.09                  | 29.05    | R   | 11               | R   |                      |     |    |     |     |     | 4.0 | R   |    |     |
| 362 | 15           | 9  | 2009 | 9            | 40   | 59.7 | 37.38                  | 38.80    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 363 | 15           | 9  | 2009 | 9            | 54   | 10.8 | 38.71                  | 31.28    | R   | 5                | R   |                      |     |    |     |     |     | 3.9 | R   |    |     |
| 364 | 15           | 9  | 2009 | 10           | 2    | 34.0 | 38.79                  | 31.35    | R   | 24               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 365 | 15           | 9  | 2009 | 11           | 7    | 1.2  | 37.60                  | 35.66    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 366 | 15           | 9  | 2009 | 12           | 51   | 23.3 | 37.93                  | 27.18    | R   | 9                | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 367 | 15           | 9  | 2009 | 13           | 22   | 6.3  | 41.62                  | 35.47    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 368 | 15           | 9  | 2009 | 14           | 36   | 16.6 | 37.29                  | 28.21    | R   | 12               | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 369 | 15           | 9  | 2009 | 15           | 38   | 42.0 | 37.25                  | 28.19    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 370 | 15           | 9  | 2009 | 15           | 45   | 32.3 | 35.81                  | 30.70    | R   | 30               | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 371 | 15           | 9  | 2009 | 16           | 16   | 33.8 | 37.51                  | 35.73    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 372 | 15           | 9  | 2009 | 18           | 1    | 36.8 | 37.25                  | 43.72    | R   | 5                | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 373 | 15           | 9  | 2009 | 21           | 1    | 23.5 | 39.19                  | 32.72    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 374 | 15           | 9  | 2009 | 22           | 34   | 50.6 | 39.61                  | 42.75    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 375 | 16           | 9  | 2009 | 1            | 2    | 9.2  | 40.63                  | 29.04    | R   | 13               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 376 | 16           | 9  | 2009 | 1            | 13   | 2.2  | 37.12                  | 28.58    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 377 | 16           | 9  | 2009 | 2            | 6    | 20.9 | 38.77                  | 31.35    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 378 | 16           | 9  | 2009 | 4            | 37   | 55.0 | 39.25                  | 27.86    | R   | 5                | R   |                      |     |    |     |     |     | 3.3 | R   |    |     |
| 379 | 16           | 9  | 2009 | 9            | 11   | 15.4 | 39.06                  | 28.99    | R   | 15               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 380 | 16           | 9  | 2009 | 10           | 6    | 49.2 | 38.92                  | 40.69    | R   | 6                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 381 | 16           | 9  | 2009 | 10           | 7    | 10.2 | 37.28                  | 28.23    | R   | 6                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 382 | 16           | 9  | 2009 | 10           | 39   | 10.4 | 40.22                  | 29.64    | R   | 14               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 383 | 16           | 9  | 2009 | 10           | 57   | 54.1 | 38.69                  | 31.28    | R   | 8                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 384 | 16           | 9  | 2009 | 11           | 56   | 42.4 | 40.30                  | 36.10    | R   | 9                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 385 | 16           | 9  | 2009 | 13           | 12   | 48.5 | 36.37                  | 28.71    | R   | 15               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 386 | 16           | 9  | 2009 | 14           | 9    | 45.1 | 34.78                  | 33.13    | N   | 27               | N   |                      |     | 4.8 | N   |     |     | 4.7 | R   |    |     |
| 387 | 16           | 9  | 2009 | 14           | 36   | 38.9 | 39.23                  | 27.72    | R   | 23               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 388 | 16           | 9  | 2009 | 14           | 48   | 17.6 | 34.56                  | 32.95    | R   | 7                | R   |                      |     |     |     |     |     | 3.4 | R   |    |     |
| 389 | 16           | 9  | 2009 | 14           | 58   | 18.1 | 37.71                  | 26.85    | R   | 5                | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 390 | 16           | 9  | 2009 | 15           | 39   | 47.1 | 37.96                  | 35.69    | R   | 8                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 391 | 16           | 9  | 2009 | 15           | 39   | 59.8 | 36.59                  | 27.23    | R   | 129              | R   |                      |     |     |     |     |     | 3.3 | R   |    |     |
| 392 | 16           | 9  | 2009 | 16           | 43   | 3.0  | 34.80                  | 33.05    | R   | 5                | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |
| 393 | 16           | 9  | 2009 | 21           | 23   | 56.4 | 40.12                  | 27.13    | R   | 9                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 394 | 16           | 9  | 2009 | 22           | 33   | 51.5 | 39.08                  | 28.99    | R   | 16               | R   |                      |     |     |     | 3.0 | R   |     |     |    |     |
| 395 | 17           | 9  | 2009 | 5            | 0    | 16.3 | 39.23                  | 27.95    | R   | 7                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 396 | 17           | 9  | 2009 | 6            | 8    | 22.4 | 37.89                  | 29.06    | R   | 11               | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 397 | 17           | 9  | 2009 | 6            | 15   | 28.3 | 39.40                  | 27.90    | R   | 10               | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 398 | 17           | 9  | 2009 | 6            | 23   | 24.4 | 40.49                  | 36.97    | R   | 10               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 399 | 17           | 9  | 2009 | 8            | 4    | 40.8 | 38.80                  | 26.88    | R   | 17               | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 400 | 17           | 9  | 2009 | 9            | 21   | 42.2 | 36.43                  | 29.20    | R   | 11               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 401 | 17           | 9  | 2009 | 9            | 48   | 12.2 | 39.36                  | 33.16    | R   | 7                | R   |                      |     |    |     | 2.3 | R   |    |     |    |     |
| 402 | 17           | 9  | 2009 | 10           | 11   | 6.3  | 37.24                  | 28.21    | R   | 6                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 403 | 17           | 9  | 2009 | 11           | 30   | 3.8  | 37.30                  | 38.72    | R   | 19               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 404 | 17           | 9  | 2009 | 11           | 49   | 30.6 | 38.73                  | 31.21    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 405 | 17           | 9  | 2009 | 13           | 22   | 16.6 | 37.27                  | 38.76    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 406 | 17           | 9  | 2009 | 15           | 38   | 13.0 | 36.98                  | 39.31    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 407 | 17           | 9  | 2009 | 15           | 41   | 37.5 | 37.26                  | 28.20    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 408 | 17           | 9  | 2009 | 17           | 3    | 43.8 | 42.17                  | 26.42    | R   | 2                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 409 | 17           | 9  | 2009 | 17           | 46   | 20.3 | 36.78                  | 30.96    | R   | 23               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 410 | 18           | 9  | 2009 | 0            | 50   | 35.8 | 40.40                  | 27.44    | R   | 13               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 411 | 18           | 9  | 2009 | 1            | 34   | 47.2 | 39.40                  | 44.03    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 412 | 18           | 9  | 2009 | 3            | 46   | 18.4 | 39.96                  | 34.08    | R   | 2                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 413 | 18           | 9  | 2009 | 7            | 7    | 29.9 | 34.41                  | 32.23    | R   | 32               | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 414 | 18           | 9  | 2009 | 7            | 16   | 15.1 | 39.15                  | 27.54    | R   | 19               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 415 | 18           | 9  | 2009 | 8            | 45   | 44.7 | 37.52                  | 30.62    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 416 | 18           | 9  | 2009 | 8            | 56   | 6.5  | 39.58                  | 33.24    | R   | 2                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 417 | 18           | 9  | 2009 | 9            | 47   | 14.5 | 37.52                  | 35.66    | R   | 6                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 418 | 18           | 9  | 2009 | 9            | 48   | 12.3 | 37.25                  | 28.19    | R   | 5                | R   |                      |     |    |     | 2.1 | R   |    |     |    |     |
| 419 | 18           | 9  | 2009 | 9            | 51   | 38.8 | 37.27                  | 28.20    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 420 | 18           | 9  | 2009 | 11           | 42   | 15.1 | 40.15                  | 29.20    | R   | 19               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |



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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 421 | 18           | 9  | 2009 | 12           | 39   | 30.3 | 37.86                  | 32.37    | R   | 12               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 422 | 18           | 9  | 2009 | 12           | 47   | 28.8 | 37.43                  | 34.53    | R   | 3                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 423 | 18           | 9  | 2009 | 13           | 4    | 44.7 | 35.71                  | 27.15    | R   | 8                | R   |                      |     |    |     | 3.3 | R   |     |     |    |     |
| 424 | 18           | 9  | 2009 | 17           | 49   | 14.9 | 36.86                  | 29.24    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 425 | 18           | 9  | 2009 | 17           | 59   | 50.3 | 39.23                  | 41.70    | R   | 6                | R   |                      |     |    |     |     |     | 3.7 | R   |    |     |
| 426 | 18           | 9  | 2009 | 21           | 7    | 20.3 | 39.44                  | 33.05    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 427 | 19           | 9  | 2009 | 1            | 18   | 35.7 | 37.24                  | 30.62    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |
| 428 | 19           | 9  | 2009 | 2            | 3    | 36.7 | 37.67                  | 26.85    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 429 | 19           | 9  | 2009 | 2            | 38   | 24.0 | 34.59                  | 32.96    | R   | 5                | R   |                      |     |    |     | 3.3 | R   |     |     |    |     |
| 430 | 19           | 9  | 2009 | 2            | 56   | 51.0 | 37.87                  | 32.47    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 431 | 19           | 9  | 2009 | 4            | 17   | 1.7  | 39.98                  | 42.05    | R   | 5                | R   |                      |     |    |     | 3.4 | R   |     |     |    |     |
| 432 | 19           | 9  | 2009 | 4            | 22   | 56.6 | 37.86                  | 29.08    | R   | 20               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 433 | 19           | 9  | 2009 | 4            | 51   | 2.2  | 37.74                  | 29.26    | R   | 22               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 434 | 19           | 9  | 2009 | 5            | 27   | 31.1 | 37.92                  | 32.47    | R   | 13               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 435 | 19           | 9  | 2009 | 6            | 7    | 45.0 | 39.73                  | 41.95    | R   | 4                | R   |                      |     |    |     | 2.5 | R   |     |     |    |     |
| 436 | 19           | 9  | 2009 | 7            | 20   | 9.2  | 40.04                  | 28.48    | R   | 2                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 437 | 19           | 9  | 2009 | 10           | 54   | 6.5  | 37.95                  | 28.94    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 438 | 19           | 9  | 2009 | 11           | 13   | 2.6  | 37.87                  | 27.58    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 439 | 19           | 9  | 2009 | 11           | 26   | 32.7 | 37.94                  | 27.35    | R   | 6                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 440 | 19           | 9  | 2009 | 11           | 37   | 19.6 | 39.07                  | 32.75    | R   | 12               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 441 | 19           | 9  | 2009 | 12           | 31   | 22.3 | 35.87                  | 26.91    | R   | 13               | R   |                      |     |    |     | 3.3 | R   |    |     |    |     |
| 442 | 19           | 9  | 2009 | 13           | 32   | 0.5  | 38.70                  | 31.24    | R   | 6                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 443 | 19           | 9  | 2009 | 13           | 44   | 1.7  | 39.50                  | 33.05    | R   | 11               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 444 | 19           | 9  | 2009 | 13           | 59   | 21.0 | 37.90                  | 29.44    | R   | 17               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 445 | 19           | 9  | 2009 | 15           | 50   | 50.6 | 37.91                  | 32.46    | R   | 18               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 446 | 19           | 9  | 2009 | 20           | 43   | 56.8 | 34.49                  | 32.88    | R   | 10               | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 447 | 19           | 9  | 2009 | 23           | 0    | 42.5 | 37.85                  | 32.41    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 448 | 19           | 9  | 2009 | 23           | 49   | 34.2 | 36.42                  | 28.71    | R   | 12               | R   |                      |     |    |     | 2.0 | R   |    |     |    |     |
| 449 | 20           | 9  | 2009 | 1            | 6    | 14.3 | 37.15                  | 43.92    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 450 | 20           | 9  | 2009 | 1            | 25   | 22.2 | 39.98                  | 37.53    | R   | 16               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 451 | 20           | 9  | 2009 | 1            | 44   | 0.4  | 37.89                  | 32.52    | R   | 6                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 452 | 20           | 9  | 2009 | 1            | 48   | 2.3  | 39.50                  | 40.98    | R   | 11               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 453 | 20           | 9  | 2009 | 2            | 14   | 2.1  | 37.90                  | 32.51    | R   | 6                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 454 | 20           | 9  | 2009 | 4            | 7    | 22.5 | 37.13                  | 37.00    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 455 | 20           | 9  | 2009 | 8            | 41   | 22.0 | 36.95                  | 30.93    | R   | 97               | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 456 | 20           | 9  | 2009 | 11           | 33   | 42.8 | 37.86                  | 32.50    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 457 | 20           | 9  | 2009 | 13           | 37   | 32.0 | 36.81                  | 34.27    | R   | 4                | R   |                      |     |    |     | 3.4 | R   |    |     |    |     |
| 458 | 20           | 9  | 2009 | 15           | 59   | 14.2 | 37.91                  | 32.55    | R   | 9                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 459 | 20           | 9  | 2009 | 17           | 19   | 13.7 | 37.03                  | 28.11    | R   | 16               | R   |                      |     |    |     | 2.1 | R   |    |     |    |     |
| 460 | 20           | 9  | 2009 | 19           | 14   | 37.6 | 37.95                  | 32.49    | R   | 18               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|------------|-----|------------|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md         | Ref | MI         | Ref | Mw | Ref |
| 461 | 20           | 9  | 2009 | 20           | 14   | 46.4 | 36.37                  | 40.83    | R   | 5                | R   |                      |     |    |     |            |     | <b>3.9</b> | R   |    |     |
| 462 | 20           | 9  | 2009 | 21           | 52   | 45.3 | 37.88                  | 32.55    | R   | 6                | R   |                      |     |    |     | <b>2.7</b> | R   |            |     |    |     |
| 463 | 20           | 9  | 2009 | 22           | 42   | 0.7  | 37.86                  | 32.33    | R   | 8                | R   |                      |     |    |     | <b>2.8</b> | R   |            |     |    |     |
| 464 | 20           | 9  | 2009 | 22           | 48   | 42.1 | 37.91                  | 29.11    | R   | 16               | R   |                      |     |    |     | <b>2.3</b> | R   |            |     |    |     |
| 465 | 20           | 9  | 2009 | 23           | 34   | 45.7 | 37.86                  | 32.49    | R   | 7                | R   |                      |     |    |     | <b>3.0</b> | R   |            |     |    |     |
| 466 | 20           | 9  | 2009 | 23           | 38   | 24.9 | 37.88                  | 32.50    | R   | 6                | R   |                      |     |    |     | <b>3.0</b> | R   |            |     |    |     |
| 467 | 21           | 9  | 2009 | 0            | 25   | 25.7 | 36.25                  | 28.15    | R   | 27               | R   |                      |     |    |     | <b>2.7</b> | R   |            |     |    |     |
| 468 | 21           | 9  | 2009 | 0            | 39   | 12.4 | 37.50                  | 35.64    | R   | 4                | R   |                      |     |    |     | <b>3.1</b> | R   |            |     |    |     |
| 469 | 21           | 9  | 2009 | 1            | 21   | 35.3 | 37.91                  | 32.49    | R   | 11               | R   |                      |     |    |     | <b>2.8</b> | R   |            |     |    |     |
| 470 | 21           | 9  | 2009 | 1            | 50   | 55.2 | 37.85                  | 32.40    | R   | 3                | R   |                      |     |    |     | <b>2.6</b> | R   |            |     |    |     |
| 471 | 21           | 9  | 2009 | 1            | 54   | 35.9 | 37.83                  | 32.37    | R   | 8                | R   |                      |     |    |     | <b>2.4</b> | R   |            |     |    |     |
| 472 | 21           | 9  | 2009 | 2            | 14   | 36.4 | 35.06                  | 40.47    | R   | 12               | R   |                      |     |    |     |            |     | <b>3.5</b> | R   |    |     |
| 473 | 21           | 9  | 2009 | 3            | 6    | 55.6 | 40.39                  | 42.25    | R   | 5                | R   |                      |     |    |     | <b>3.5</b> | R   |            |     |    |     |
| 474 | 21           | 9  | 2009 | 3            | 43   | 28.7 | 39.10                  | 29.00    | R   | 6                | R   |                      |     |    |     | <b>2.8</b> | R   |            |     |    |     |
| 475 | 21           | 9  | 2009 | 4            | 10   | 41.4 | 37.88                  | 27.26    | R   | 12               | R   |                      |     |    |     | <b>2.7</b> | R   |            |     |    |     |
| 476 | 21           | 9  | 2009 | 4            | 44   | 56.1 | 38.71                  | 43.67    | R   | 5                | R   |                      |     |    |     | <b>3.2</b> | R   |            |     |    |     |
| 477 | 21           | 9  | 2009 | 6            | 44   | 35.4 | 36.63                  | 35.52    | R   | 15               | R   |                      |     |    |     | <b>3.1</b> | R   |            |     |    |     |
| 478 | 21           | 9  | 2009 | 7            | 15   | 3.8  | 37.85                  | 32.43    | R   | 6                | R   |                      |     |    |     | <b>2.8</b> | R   |            |     |    |     |
| 479 | 21           | 9  | 2009 | 8            | 45   | 17.0 | 37.56                  | 35.65    | R   | 9                | R   |                      |     |    |     | <b>2.9</b> | R   |            |     |    |     |
| 480 | 21           | 9  | 2009 | 10           | 55   | 36.4 | 37.93                  | 29.12    | R   | 18               | R   |                      |     |    |     | <b>2.8</b> | R   |            |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 481 | 21           | 9  | 2009 | 11           | 11   | 58.8 | 40.39                  | 34.54    | R   | 9                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 482 | 21           | 9  | 2009 | 13           | 51   | 55.9 | 37.85                  | 32.42    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 483 | 21           | 9  | 2009 | 14           | 48   | 12.2 | 37.88                  | 32.52    | R   | 6                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 484 | 21           | 9  | 2009 | 17           | 44   | 55.8 | 37.92                  | 32.59    | R   | 10               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 485 | 21           | 9  | 2009 | 17           | 54   | 9.8  | 38.87                  | 39.01    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 486 | 21           | 9  | 2009 | 18           | 20   | 9.0  | 37.89                  | 32.51    | R   | 4                | R   |                      |     |    |     | 3.6 | R   |    |     |    |     |
| 487 | 21           | 9  | 2009 | 18           | 38   | 44.3 | 37.81                  | 32.44    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 488 | 21           | 9  | 2009 | 19           | 43   | 30.2 | 37.82                  | 32.51    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 489 | 21           | 9  | 2009 | 20           | 13   | 43.2 | 37.91                  | 32.55    | R   | 2                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 490 | 21           | 9  | 2009 | 22           | 57   | 51.8 | 37.59                  | 35.74    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 491 | 21           | 9  | 2009 | 23           | 36   | 23.3 | 39.10                  | 28.97    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 492 | 21           | 9  | 2009 | 23           | 46   | 24.5 | 37.92                  | 36.55    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 493 | 22           | 9  | 2009 | 0            | 33   | 4.9  | 39.07                  | 28.92    | R   | 13               | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 494 | 22           | 9  | 2009 | 1            | 30   | 15.6 | 39.49                  | 27.83    | R   | 4                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 495 | 22           | 9  | 2009 | 1            | 43   | 41.7 | 37.91                  | 32.53    | R   | 6                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 496 | 22           | 9  | 2009 | 1            | 50   | 27.6 | 36.43                  | 28.91    | R   | 14               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 497 | 22           | 9  | 2009 | 2            | 3    | 23.0 | 38.46                  | 39.78    | R   | 6                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 498 | 22           | 9  | 2009 | 2            | 17   | 12.7 | 38.71                  | 39.93    | R   | 7                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 499 | 22           | 9  | 2009 | 3            | 1    | 23.1 | 37.88                  | 32.48    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 500 | 22           | 9  | 2009 | 4            | 31   | 2.8  | 40.39                  | 28.61    | R   | 8                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|------------|-----|------------|-----|------------|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb         | Ref | Md         | Ref | MI         | Ref | Mw | Ref |
| 501 | 22           | 9  | 2009 | 5            | 52   | 32.9 | 38.91                  | 27.07    | R   | 5                | R   |                      |     |            |     |            |     | <b>3.3</b> | R   |    |     |
| 502 | 22           | 9  | 2009 | 6            | 11   | 30.4 | 37.88                  | 32.51    | R   | 14               | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 503 | 22           | 9  | 2009 | 10           | 54   | 51.4 | 37.83                  | 32.36    | R   | 7                | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 504 | 22           | 9  | 2009 | 10           | 55   | 1.3  | 39.34                  | 38.99    | R   | 8                | R   |                      |     |            |     | <b>2.8</b> | R   |            |     |    |     |
| 505 | 22           | 9  | 2009 | 11           | 5    | 48.1 | 37.84                  | 32.46    | R   | 5                | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 506 | 22           | 9  | 2009 | 11           | 28   | 36.4 | 37.89                  | 32.48    | R   | 13               | R   |                      |     |            |     | <b>2.5</b> | R   |            |     |    |     |
| 507 | 22           | 9  | 2009 | 12           | 18   | 10.8 | 39.62                  | 25.80    | R   | 15               | R   |                      |     |            |     | <b>3.2</b> | R   |            |     |    |     |
| 508 | 22           | 9  | 2009 | 17           | 52   | 17.6 | 40.59                  | 28.94    | R   | 10               | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 509 | 22           | 9  | 2009 | 22           | 11   | 29.8 | 36.63                  | 30.83    | R   | 22               | R   |                      |     | <b>4.3</b> | N   |            |     | <b>4.4</b> | R   |    |     |
| 510 | 22           | 9  | 2009 | 23           | 47   | 49.4 | 40.65                  | 30.59    | R   | 8                | R   |                      |     |            |     | <b>2.8</b> | R   |            |     |    |     |
| 511 | 22           | 9  | 2009 | 23           | 54   | 58.2 | 39.08                  | 27.15    | R   | 8                | R   |                      |     |            |     | <b>3.0</b> | R   |            |     |    |     |
| 512 | 23           | 9  | 2009 | 1            | 23   | 23.0 | 37.87                  | 32.49    | R   | 5                | R   |                      |     |            |     | <b>2.8</b> | R   |            |     |    |     |
| 513 | 23           | 9  | 2009 | 1            | 26   | 52.7 | 37.90                  | 32.56    | R   | 7                | R   |                      |     |            |     | <b>2.8</b> | R   |            |     |    |     |
| 514 | 23           | 9  | 2009 | 1            | 43   | 17.2 | 37.89                  | 32.49    | R   | 5                | R   |                      |     |            |     | <b>3.3</b> | R   |            |     |    |     |
| 515 | 23           | 9  | 2009 | 4            | 46   | 29.9 | 37.89                  | 32.51    | R   | 5                | R   |                      |     |            |     | <b>2.9</b> | R   |            |     |    |     |
| 516 | 23           | 9  | 2009 | 5            | 53   | 0.0  | 37.92                  | 32.59    | R   | 10               | R   |                      |     |            |     | <b>2.7</b> | R   |            |     |    |     |
| 517 | 23           | 9  | 2009 | 8            | 56   | 3.6  | 37.16                  | 28.17    | R   | 2                | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 518 | 23           | 9  | 2009 | 9            | 30   | 3.4  | 39.10                  | 27.53    | R   | 8                | R   |                      |     |            |     | <b>2.7</b> | R   |            |     |    |     |
| 519 | 23           | 9  | 2009 | 9            | 46   | 16.0 | 39.12                  | 27.52    | R   | 9                | R   |                      |     |            |     | <b>2.6</b> | R   |            |     |    |     |
| 520 | 23           | 9  | 2009 | 10           | 44   | 35.3 | 37.24                  | 37.45    | R   | 5                | R   |                      |     |            |     | <b>2.8</b> | R   |            |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 521 | 23           | 9  | 2009 | 11           | 11   | 6.5  | 38.84                  | 34.95    | R   | 2                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 522 | 23           | 9  | 2009 | 13           | 56   | 37.7 | 40.15                  | 29.58    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 523 | 23           | 9  | 2009 | 16           | 43   | 3.9  | 40.47                  | 26.05    | R   | 6                | R   |                      |     |    |     | 3.4 | R   |    |     |    |     |
| 524 | 23           | 9  | 2009 | 18           | 52   | 59.5 | 38.37                  | 28.58    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 525 | 23           | 9  | 2009 | 19           | 36   | 4.2  | 40.21                  | 28.95    | R   | 12               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 526 | 23           | 9  | 2009 | 19           | 50   | 1.9  | 35.98                  | 31.58    | R   | 19               | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 527 | 23           | 9  | 2009 | 20           | 36   | 35.7 | 38.55                  | 36.95    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 528 | 23           | 9  | 2009 | 20           | 55   | 40.7 | 37.91                  | 32.51    | R   | 6                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 529 | 23           | 9  | 2009 | 20           | 58   | 46.3 | 38.02                  | 43.06    | R   | 13               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 530 | 23           | 9  | 2009 | 21           | 15   | 46.3 | 37.88                  | 32.52    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 531 | 23           | 9  | 2009 | 23           | 25   | 0.1  | 38.50                  | 30.21    | R   | 8                | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 532 | 24           | 9  | 2009 | 0            | 30   | 35.3 | 39.35                  | 43.11    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 533 | 24           | 9  | 2009 | 1            | 3    | 35.0 | 37.89                  | 32.53    | R   | 7                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 534 | 24           | 9  | 2009 | 2            | 30   | 38.8 | 37.87                  | 32.50    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 535 | 24           | 9  | 2009 | 2            | 35   | 14.6 | 37.90                  | 32.52    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 536 | 24           | 9  | 2009 | 2            | 58   | 49.6 | 37.84                  | 32.17    | R   | 5                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 537 | 24           | 9  | 2009 | 4            | 1    | 40.7 | 37.91                  | 32.51    | R   | 6                | R   |                      |     |    |     | 3.5 | R   |    |     |    |     |
| 538 | 24           | 9  | 2009 | 4            | 5    | 18.2 | 37.88                  | 32.49    | R   | 11               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 539 | 24           | 9  | 2009 | 5            | 27   | 55.4 | 37.85                  | 32.43    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 540 | 24           | 9  | 2009 | 6            | 24   | 19.7 | 37.85                  | 32.46    | R   | 7                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 541 | 24           | 9  | 2009 | 6            | 26   | 45.7 | 37.93                  | 32.54    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 542 | 24           | 9  | 2009 | 7            | 27   | 20.2 | 37.87                  | 32.53    | R   | 8                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 543 | 24           | 9  | 2009 | 7            | 53   | 38.3 | 37.46                  | 35.67    | R   | 5                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 544 | 24           | 9  | 2009 | 8            | 56   | 30.2 | 37.86                  | 32.49    | R   | 12               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 545 | 24           | 9  | 2009 | 11           | 18   | 2.9  | 37.88                  | 32.48    | R   | 7                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 546 | 24           | 9  | 2009 | 11           | 46   | 35.6 | 40.73                  | 27.44    | R   | 4                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 547 | 24           | 9  | 2009 | 13           | 11   | 17.2 | 37.87                  | 32.51    | R   | 4                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 548 | 24           | 9  | 2009 | 13           | 34   | 9.9  | 37.10                  | 35.94    | R   | 11               | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 549 | 24           | 9  | 2009 | 13           | 35   | 30.0 | 37.27                  | 28.19    | R   | 6                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 550 | 24           | 9  | 2009 | 14           | 45   | 50.7 | 37.87                  | 32.38    | R   | 14               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 551 | 24           | 9  | 2009 | 15           | 53   | 18.0 | 37.84                  | 32.33    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 552 | 24           | 9  | 2009 | 21           | 31   | 10.5 | 37.88                  | 32.35    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 553 | 24           | 9  | 2009 | 22           | 27   | 34.7 | 37.89                  | 32.42    | R   | 20               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 554 | 25           | 9  | 2009 | 0            | 25   | 8.9  | 37.82                  | 32.36    | R   | 13               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 555 | 25           | 9  | 2009 | 3            | 35   | 5.0  | 40.86                  | 28.71    | R   | 14               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 556 | 25           | 9  | 2009 | 4            | 16   | 54.3 | 40.87                  | 28.70    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 557 | 25           | 9  | 2009 | 10           | 43   | 11.2 | 40.62                  | 36.89    | R   | 5                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 558 | 25           | 9  | 2009 | 11           | 37   | 39.9 | 40.61                  | 36.88    | R   | 12               | R   |                      |     |    |     | 2.4 | R   |    |     |    |     |
| 559 | 25           | 9  | 2009 | 12           | 55   | 20.8 | 37.84                  | 32.20    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 560 | 25           | 9  | 2009 | 14           | 51   | 30.8 | 37.54                  | 27.00    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb  | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 561 | 25           | 9  | 2009 | 15           | 7    | 26.4 | 37.90                  | 32.51    | R   | 11               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 562 | 25           | 9  | 2009 | 17           | 35   | 0.2  | 40.79                  | 30.42    | R   | 16               | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 563 | 25           | 9  | 2009 | 19           | 21   | 41.9 | 39.12                  | 28.98    | R   | 5                | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |
| 564 | 25           | 9  | 2009 | 21           | 12   | 50.6 | 36.97                  | 35.97    | R   | 5                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 565 | 25           | 9  | 2009 | 23           | 2    | 53.6 | 37.89                  | 32.50    | R   | 6                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 566 | 25           | 9  | 2009 | 23           | 31   | 29.1 | 37.74                  | 29.19    | R   | 7                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 567 | 25           | 9  | 2009 | 23           | 37   | 35.7 | 40.12                  | 26.97    | R   | 9                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 568 | 25           | 9  | 2009 | 23           | 43   | 3.6  | 37.46                  | 36.11    | R   | 2                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 569 | 26           | 9  | 2009 | 1            | 27   | 11.4 | 40.65                  | 36.86    | R   | 8                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 570 | 26           | 9  | 2009 | 1            | 32   | 2.1  | 38.65                  | 39.71    | R   | 9                | R   |                      |     |     |     | 3.1 | R   |     |     |    |     |
| 571 | 26           | 9  | 2009 | 1            | 48   | 29.0 | 40.60                  | 36.89    | R   | 7                | R   |                      |     |     |     | 2.9 | R   |     |     |    |     |
| 572 | 26           | 9  | 2009 | 2            | 52   | 8.0  | 34.02                  | 25.57    | N   | 13               | N   |                      |     | 4.6 | N   |     |     | 4.5 | R   |    |     |
| 573 | 26           | 9  | 2009 | 4            | 33   | 46.6 | 38.82                  | 32.92    | R   | 14               | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |
| 574 | 26           | 9  | 2009 | 4            | 57   | 7.6  | 34.02                  | 25.47    | N   | 22               | N   |                      |     | 4.5 | N   |     |     | 4.3 | R   |    |     |
| 575 | 26           | 9  | 2009 | 6            | 44   | 23.9 | 37.28                  | 28.20    | R   | 5                | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 576 | 26           | 9  | 2009 | 15           | 44   | 4.7  | 41.07                  | 33.86    | R   | 19               | R   |                      |     |     |     | 2.6 | R   |     |     |    |     |
| 577 | 26           | 9  | 2009 | 15           | 53   | 45.2 | 41.13                  | 33.90    | R   | 4                | R   |                      |     |     |     | 3.2 | R   |     |     |    |     |
| 578 | 26           | 9  | 2009 | 16           | 3    | 9.0  | 41.01                  | 34.01    | R   | 7                | R   |                      |     |     |     | 2.8 | R   |     |     |    |     |
| 579 | 26           | 9  | 2009 | 18           | 21   | 17.8 | 37.85                  | 32.49    | R   | 5                | R   |                      |     |     |     | 2.7 | R   |     |     |    |     |
| 580 | 26           | 9  | 2009 | 18           | 57   | 53.1 | 35.80                  | 29.16    | R   | 24               | R   |                      |     |     |     | 3.3 | R   |     |     |    |     |



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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 581 | 26           | 9  | 2009 | 20           | 25   | 51.0 | 39.39                  | 28.60    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |    |     |    |     |
| 582 | 26           | 9  | 2009 | 21           | 13   | 4.8  | 35.50                  | 26.61    | R   | 29               | R   |                      |     |    |     | 3.3 | R   |    |     |    |     |
| 583 | 26           | 9  | 2009 | 21           | 15   | 56.3 | 39.35                  | 28.65    | R   | 20               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 584 | 26           | 9  | 2009 | 21           | 20   | 33.2 | 37.52                  | 36.43    | R   | 5                | R   |                      |     |    |     | 3.3 | R   |    |     |    |     |
| 585 | 26           | 9  | 2009 | 21           | 48   | 28.0 | 37.87                  | 32.50    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 586 | 26           | 9  | 2009 | 22           | 5    | 26.7 | 37.87                  | 32.49    | R   | 4                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 587 | 26           | 9  | 2009 | 22           | 6    | 39.9 | 37.89                  | 32.44    | R   | 16               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 588 | 26           | 9  | 2009 | 22           | 19   | 59.2 | 37.89                  | 32.50    | R   | 7                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 589 | 27           | 9  | 2009 | 0            | 54   | 27.6 | 39.28                  | 40.08    | R   | 12               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 590 | 27           | 9  | 2009 | 1            | 19   | 54.4 | 40.61                  | 28.89    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 591 | 27           | 9  | 2009 | 1            | 58   | 4.2  | 37.93                  | 32.55    | R   | 20               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 592 | 27           | 9  | 2009 | 3            | 9    | 56.3 | 37.91                  | 32.57    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 593 | 27           | 9  | 2009 | 3            | 27   | 26.2 | 37.93                  | 32.56    | R   | 8                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 594 | 27           | 9  | 2009 | 3            | 40   | 12.2 | 39.24                  | 26.76    | R   | 13               | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 595 | 27           | 9  | 2009 | 3            | 42   | 17.2 | 39.40                  | 28.55    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 596 | 27           | 9  | 2009 | 4            | 18   | 16.8 | 40.51                  | 35.44    | R   | 24               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 597 | 27           | 9  | 2009 | 4            | 26   | 41.3 | 37.89                  | 32.58    | R   | 6                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 598 | 27           | 9  | 2009 | 4            | 47   | 28.4 | 36.47                  | 29.05    | R   | 3                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 599 | 27           | 9  | 2009 | 7            | 35   | 43.3 | 37.87                  | 32.49    | R   | 4                | R   |                      |     |    |     | 3.5 | R   |    |     |    |     |
| 600 | 27           | 9  | 2009 | 8            | 46   | 24.8 | 37.88                  | 32.59    | R   | 8                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 601 | 27           | 9  | 2009 | 9            | 41   | 51.7 | 38.83                  | 27.21    | R   | 17               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 602 | 27           | 9  | 2009 | 13           | 0    | 59.0 | 39.41                  | 28.54    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 603 | 27           | 9  | 2009 | 13           | 41   | 39.5 | 39.36                  | 28.57    | R   | 8                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 604 | 27           | 9  | 2009 | 14           | 3    | 48.1 | 37.86                  | 32.43    | R   | 20               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 605 | 27           | 9  | 2009 | 15           | 35   | 55.1 | 38.54                  | 39.09    | R   | 8                | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 606 | 27           | 9  | 2009 | 15           | 39   | 8.8  | 38.48                  | 39.15    | R   | 8                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 607 | 27           | 9  | 2009 | 16           | 55   | 49.0 | 37.76                  | 32.40    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 608 | 27           | 9  | 2009 | 17           | 7    | 12.3 | 39.00                  | 29.57    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 609 | 27           | 9  | 2009 | 18           | 18   | 23.6 | 36.01                  | 30.97    | R   | 18               | R   |                      |     |    |     |     |     | 3.7 | R   |    |     |
| 610 | 27           | 9  | 2009 | 20           | 15   | 18.5 | 40.66                  | 28.89    | R   | 12               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 611 | 27           | 9  | 2009 | 20           | 33   | 7.7  | 40.80                  | 27.77    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 612 | 27           | 9  | 2009 | 20           | 33   | 43.0 | 35.15                  | 27.08    | R   | 20               | R   |                      |     |    |     |     |     | 3.6 | R   |    |     |
| 613 | 27           | 9  | 2009 | 21           | 1    | 20.7 | 40.17                  | 32.68    | R   | 5                | R   |                      |     |    |     | 3.6 | R   |     |     |    |     |
| 614 | 27           | 9  | 2009 | 21           | 7    | 9.6  | 37.88                  | 32.52    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 615 | 27           | 9  | 2009 | 21           | 54   | 2.2  | 39.58                  | 45.00    | R   | 5                | R   |                      |     |    |     | 3.3 | R   |     |     |    |     |
| 616 | 27           | 9  | 2009 | 22           | 6    | 33.6 | 37.87                  | 32.49    | R   | 7                | R   |                      |     |    |     | 3.0 | R   |     |     |    |     |
| 617 | 27           | 9  | 2009 | 23           | 10   | 19.6 | 41.40                  | 37.02    | R   | 12               | R   |                      |     |    |     | 3.1 | R   |     |     |    |     |
| 618 | 28           | 9  | 2009 | 0            | 13   | 4.0  | 39.76                  | 41.90    | R   | 17               | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 619 | 28           | 9  | 2009 | 1            | 14   | 10.8 | 36.81                  | 27.91    | R   | 7                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 620 | 28           | 9  | 2009 | 1            | 22   | 17.8 | 37.61                  | 38.85    | R   | 11               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|-----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI  | Ref | Mw | Ref |
| 621 | 28           | 9  | 2009 | 1            | 26   | 34.9 | 41.45                  | 41.10    | R   | 30               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 622 | 28           | 9  | 2009 | 2            | 40   | 2.5  | 38.11                  | 38.15    | R   | 5                | R   |                      |     |    |     | 3.2 | R   |     |     |    |     |
| 623 | 28           | 9  | 2009 | 3            | 3    | 5.4  | 37.82                  | 32.38    | R   | 13               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 624 | 28           | 9  | 2009 | 7            | 46   | 54.5 | 39.92                  | 23.75    | N   | 7                | N   |                      |     |    |     |     |     | 4.0 | T   |    |     |
| 625 | 28           | 9  | 2009 | 9            | 6    | 53.2 | 37.27                  | 28.22    | R   | 3                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 626 | 28           | 9  | 2009 | 12           | 39   | 18.5 | 38.52                  | 40.42    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 627 | 28           | 9  | 2009 | 19           | 59   | 0.6  | 40.82                  | 27.74    | R   | 8                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 628 | 28           | 9  | 2009 | 22           | 8    | 27.2 | 36.29                  | 45.05    | R   | 3                | R   |                      |     |    |     |     |     | 3.4 | R   |    |     |
| 629 | 28           | 9  | 2009 | 22           | 42   | 33.4 | 40.68                  | 29.28    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 630 | 29           | 9  | 2009 | 2            | 53   | 9.9  | 39.55                  | 26.21    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 631 | 29           | 9  | 2009 | 3            | 9    | 30.9 | 37.70                  | 26.80    | R   | 5                | R   |                      |     |    |     |     |     | 3.4 | R   |    |     |
| 632 | 29           | 9  | 2009 | 4            | 59   | 35.9 | 37.84                  | 32.50    | R   | 14               | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 633 | 29           | 9  | 2009 | 5            | 5    | 46.6 | 36.95                  | 27.53    | R   | 5                | R   |                      |     |    |     | 2.4 | R   |     |     |    |     |
| 634 | 29           | 9  | 2009 | 5            | 51   | 39.3 | 37.89                  | 32.54    | R   | 10               | R   |                      |     |    |     | 2.8 | R   |     |     |    |     |
| 635 | 29           | 9  | 2009 | 5            | 54   | 55.3 | 40.42                  | 34.87    | R   | 5                | R   |                      |     |    |     |     |     | 3.9 | R   |    |     |
| 636 | 29           | 9  | 2009 | 6            | 2    | 54.0 | 40.40                  | 34.88    | R   | 3                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 637 | 29           | 9  | 2009 | 6            | 35   | 34.6 | 37.22                  | 28.15    | R   | 7                | R   |                      |     |    |     | 2.6 | R   |     |     |    |     |
| 638 | 29           | 9  | 2009 | 7            | 33   | 0.4  | 37.53                  | 38.80    | R   | 14               | R   |                      |     |    |     | 2.7 | R   |     |     |    |     |
| 639 | 29           | 9  | 2009 | 9            | 12   | 16.0 | 37.86                  | 32.52    | R   | 9                | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |
| 640 | 29           | 9  | 2009 | 9            | 12   | 37.7 | 38.92                  | 39.00    | R   | 14               | R   |                      |     |    |     | 2.9 | R   |     |     |    |     |

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|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 641 | 29           | 9  | 2009 | 9            | 18   | 22.0 | 39.13                  | 27.56    | R   | 7                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 642 | 29           | 9  | 2009 | 9            | 33   | 44.4 | 40.53                  | 31.60    | R   | 9                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 643 | 29           | 9  | 2009 | 12           | 45   | 55.2 | 39.07                  | 27.52    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 644 | 29           | 9  | 2009 | 13           | 15   | 50.9 | 38.74                  | 35.68    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 645 | 29           | 9  | 2009 | 13           | 44   | 59.5 | 40.48                  | 29.23    | R   | 10               | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 646 | 29           | 9  | 2009 | 13           | 50   | 58.5 | 37.75                  | 34.52    | R   | 4                | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 647 | 29           | 9  | 2009 | 14           | 15   | 13.0 | 39.77                  | 35.55    | R   | 5                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 648 | 29           | 9  | 2009 | 15           | 1    | 31.0 | 37.39                  | 35.46    | R   | 21               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 649 | 29           | 9  | 2009 | 15           | 18   | 40.9 | 37.50                  | 29.83    | R   | 8                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 650 | 29           | 9  | 2009 | 15           | 26   | 27.9 | 37.94                  | 32.59    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 651 | 29           | 9  | 2009 | 16           | 27   | 5.6  | 37.77                  | 43.57    | R   | 9                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 652 | 29           | 9  | 2009 | 17           | 21   | 9.8  | 36.76                  | 27.61    | R   | 12               | R   |                      |     |    |     | 2.5 | R   |    |     |    |     |
| 653 | 29           | 9  | 2009 | 20           | 54   | 45.8 | 40.82                  | 27.97    | R   | 8                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 654 | 29           | 9  | 2009 | 20           | 57   | 4.4  | 40.81                  | 27.98    | R   | 10               | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 655 | 29           | 9  | 2009 | 21           | 53   | 0.1  | 40.41                  | 34.90    | R   | 9                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 656 | 30           | 9  | 2009 | 2            | 38   | 28.7 | 40.47                  | 30.42    | R   | 12               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 657 | 30           | 9  | 2009 | 6            | 1    | 17.4 | 40.37                  | 26.89    | R   | 6                | R   |                      |     |    |     | 2.6 | R   |    |     |    |     |
| 658 | 30           | 9  | 2009 | 7            | 24   | 16.4 | 40.44                  | 34.88    | R   | 5                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 659 | 30           | 9  | 2009 | 10           | 10   | 57.2 | 38.72                  | 31.30    | R   | 4                | R   |                      |     |    |     | 3.0 | R   |    |     |    |     |
| 660 | 30           | 9  | 2009 | 10           | 46   | 40.4 | 37.87                  | 32.51    | R   | 11               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |

**TÜRKİYE DEPREM ETKİNLİĞİ ( 2009 YILI EYLÜL AYI )**

| No  | Tarih - Date |    |      | Zaman - Time |      |      | Koordinat - Coordinate |          |     | Derinlik - Depth |     | Magnitüd - Magnitude |     |    |     |     |     |    |     |    |     |
|-----|--------------|----|------|--------------|------|------|------------------------|----------|-----|------------------|-----|----------------------|-----|----|-----|-----|-----|----|-----|----|-----|
|     | Gün          | Ay | Yıl  | Saat         | Dak. | San. | Enlem-K                | Boylam-D | Ref | Km.              | Ref | Ms                   | Ref | Mb | Ref | Md  | Ref | MI | Ref | Mw | Ref |
| 661 | 30           | 9  | 2009 | 10           | 50   | 16.2 | 40.34                  | 27.79    | R   | 7                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 662 | 30           | 9  | 2009 | 11           | 12   | 26.5 | 39.50                  | 28.20    | R   | 14               | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 663 | 30           | 9  | 2009 | 11           | 22   | 17.9 | 37.67                  | 26.85    | R   | 12               | R   |                      |     |    |     | 3.1 | R   |    |     |    |     |
| 664 | 30           | 9  | 2009 | 11           | 54   | 57.3 | 39.51                  | 28.32    | R   | 6                | R   |                      |     |    |     | 2.8 | R   |    |     |    |     |
| 665 | 30           | 9  | 2009 | 12           | 40   | 18.5 | 37.30                  | 28.21    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 666 | 30           | 9  | 2009 | 13           | 20   | 15.8 | 40.38                  | 28.37    | R   | 9                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 667 | 30           | 9  | 2009 | 14           | 57   | 57.5 | 39.83                  | 34.60    | R   | 11               | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 668 | 30           | 9  | 2009 | 17           | 14   | 53.0 | 40.73                  | 30.38    | R   | 6                | R   |                      |     |    |     | 2.9 | R   |    |     |    |     |
| 669 | 30           | 9  | 2009 | 23           | 10   | 45.5 | 37.51                  | 35.64    | R   | 5                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |
| 670 | 30           | 9  | 2009 | 23           | 40   | 7.4  | 37.58                  | 35.65    | R   | 8                | R   |                      |     |    |     | 2.7 | R   |    |     |    |     |