



***Seismological
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Earthquakes in
and around
Israel***

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Earthquakes in the vicinity of Israel during 2021

Gorstein M., Wetzler N. and Kurzon I.

Seismology Division

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PREFACE

The Seismology Division at the Geological Survey of Israel (GSI) monitors the seismic activity in the vicinity of Israel as part of the national earthquake preparedness plan. Within this framework, GSI also updates the National Data Center (NDC) of Israel.

During 2021, the Seismology Division recorded and analyzed 5267 seismic events including earthquakes and anthropogenic sources of local, regional and teleseismic events. Anthropogenic sources are mainly verified as blasts from local quarries in Israel and Jordan. This bulletin contains source parameters of 1247 local and regional earthquakes, including 318 local events with magnitude $M_w \geq 2.0$, of which four events were reported as felt. Data is available in website of the Geological Survey of Israel: <https://eq.gsi.gov.il>

ACQUISITION SYSTEMS

The seismic data are acquired by the upgraded Israel Seismic Network (ISN) which comprises the new early warning system, TRUAA, deployed between 2017 and 2022 (Kurzon et al., 2020) and the previous network (operated between 1980 and 2021). In addition, the GSI include real time data from selected stations in Cyprus, Greece and Turkey, aimed for locating events detected outside of the ISN coverage.

TRUAA network – an earthquake early warning system

Beginning November 2017, a gradual upgrade of the ISN has begun. The upgrade was part of the steps that were required for the deployment of the TRUAA Earthquake Early Warning System (EEWS; Kurzon et al. 2020; Nof and Kurzon, 2021). The TRUAA seismic network acquires three types of ground motions (Table 1, Figure 1):

1. Accelerations - acquired at 116 individual stations, using Titan Strong Motion (SM) accelerometers (Nanometrics Inc.), deployed by several types of mounting:

- A standard mount, located either on seismic piers or attached to concrete floors (such as in shelters), consists the majority of the stations.
- A vertical mount, located at some of the shelters (when drainage system was found less efficient), in which the Titan is attached to the wall, and the 3 axes are rotated accordingly.

- A posthole deployment with a Titan posthole version, for cased borehole at isolated field stations.

All Titans are set to $\pm 2g$ acceleration levels, and response is defined by 6 poles and 1 zero, with a flat response within the DC - 430Hz range. Sampling rate is set to 200Hz. The measured noise levels, -10dB to +5dB, of the Titan sensors show a 95% percentile compatibility with the Accelerometer Low-Noise Model (AHNM, Clinton and Cauzzi, 2013).

2. Velocities - acquired at 21 stations, by Trillium 120 Broadband (BB) seismometers by Nanometrics. The seismometers are deployed using two types of mounting:

- Trillium 120 QA for surface or pier installations
- Trillium 120 PH for posthole installations

All 21 Trillium seismometers have output sensitivity of 1202.5 Volts per m/s, and response is defined by 11 poles and 6 zeros, with flat response between the 120s - 150Hz range. Sampling rate is set to 200Hz. All broadband sensors are co-located with the Titan accelerometers at sites that were specifically chosen by their background seismic noise level, showing a 95% of the local noise level is 20dB below the New High Noise Model (NHNM, Peterson, 1993), between 0.03Hz and 50Hz.

3. Displacements - acquired at six (6) stations, by Global Navigation Satellite System (GNSS) systems (GPS, GLONASS and Galileo satellites). All GNSS stations include a PolaRx5 GPS receiver, B3/E6 Choke Ring antenna, and with UNAVCO Short Braced Monuments at most sites. Sampling rate is set to 1Hz. Data is digitized and packed using 24-bit Centaur dataloggers by Nanometrics, either the 3-Channel version, for SM stations, or the 6-channel version for SM+BB stations. The peak-to-peak gain is set to 40V with a sensitivity of 400,000 Counts / Volt. The GPS timing is provided by a Trimble Bullet III antenna, with an accuracy of 5 μ s. A 32GB SD card is used to store the data locally, providing more than six months of continuous recording for a 3-channels stations.

CNF and IMS stations

The Israeli Seismic Network also includes six Cooperating National Facilities (CNF) and two International Monitoring System (IMS) sites (Figure 1). The Meron array (Figure 2a, Table 4) and Eilat station (Figure 2b) are part of the Comprehensive Nuclear Test Ban Treaty

Organization (CTBTO) network. The seismic stations of the previous ISN network operated during 2021 are listed in Table 2. Station parameters for CNF and IMS systems are given in Table 3. The transmission from those stations is via internet lines.

DATA PROCESSING

The geographic region, which is covered in this bulletin is between 27.0 °N - 36.0°N and 32.0 °E - 38.0°E. The region is subdivided into several seismogenic zones (Figure 3) by their tectonic environment according to Shamir et al. (2001). Each earthquake in the catalog is associated with a specific seismogenic zone and reported in the catalog list of earthquakes (Appendix A) and phase files (Appendix C).

The bulletin comprises 1,247 local and regional seismic events that occurred in the vicinity of Israel and were detected by at least three stations (Figure 4). Four local and one regional earthquakes were reported as felt, and their source parameters are shown in Table 5. Due to the limitations of the seismic network, the source parameters of two felt earthquakes located in the Eastern Mediterranean Sea, were obtained from the EMSC.

Hypocenter location

The Java-tool for Seismic Traces Analyses and Research (JSTAR) software package (Polozov and Pinsky, 2007), was used for detection, location and magnitude determination. Local earthquakes and explosions are located by the local velocity model (Table 6), by Feigin and Shapira, (1992). Regional and teleseismic events are located by the IASP91 velocity model (Kennett and Engdahl, 1991), with layers of depths < 30km (over Moho) updated by the local velocity model, and the ray-tracer for local events follow Feigin and Shapira (1992). Regional travel times are computed by a step of 1° and fixed to a depth of 10 km.

Location uncertainty estimation

The procedure for evaluation of uncertainties associated with hypocentral parameters used here is based on calculation of the covariance matrix using the Singular Value Decomposition (SVD) method (Klein 1978; Lee and Stewart, 1981). The stability level evaluated by a *condition*

number (Buland, 1976), calculated for each event, and serves as a further independent estimate of the overall uncertainties of the determined location. In Israel, this parameter is particularly significant since many earthquakes occur outside the network, i.e., the Dead Sea rift and the Mediterranean Sea.

Magnitude determination

The coda magnitude is determined from coda duration measurement (Shapira, 1988):

$$M_d = -0.6 + 2.0 \log(t) + 0.0015R$$

where R is the epicentral distance in km ($R > 25$) and t is the duration in seconds between the arrival of the S wave and the point where the signal decays below a value of 0.5 microns per second at 1 Hz. The final earthquake magnitude is averaged between all stations, providing a robust measurement of the coda duration earthquake magnitude. We find that the magnitude scatter is usually less than ± 0.2 magnitude units.

The body-wave magnitude is determined from the coda duration (Shapira, 1988)

$$m_b = 0.6 + 1.54 * \log t + 0.0012R$$

being applicable for $m_b > 4.0$ and $R \geq 100$ km. The moment magnitude M_w is defined by

$$M_w = \frac{2}{3}(\log_{10} M_o - 9.1)$$

, where M_o is the seismic moment in Nm, and the coefficients the equation are chosen to achieve consistency with the magnitude values produced by earlier scales (Shapira and Hofstetter, 1993; Ataeva et al., 2015).

Fault Plane Solution/Moment Tensor

We solve the focal mechanism solutions for all earthquakes of $M_w \geq 3.5$ using the full-waveform TDMT technique by Dreger and Helmberger (1993) implemented at the Geological Survey of Israel. The algorithm inverts three component waveforms to estimate moment tensor in a point-source approximation, decomposing them into a scalar seismic moment, a double-couple moment tensor (DC) and a compensated linear vector dipole moment tensor (CLVD); the isotropic component is set to be zero. Synthetic seismograms are represented as linear combination of ten fundamental Green's functions that form the basic functions for any arbitrarily oriented DC

mechanism. Here, the Green's functions are computed by using the frequency-wavenumber integration code (FKPROG) of Saikia (1994) for six layered, regionally calibrated velocity structures of the region (Table 6). We calculate the Green's functions at 5 km horizontal intervals (from 5 to 400 km) and at 1 km vertical intervals from 1 to 40 km. Focal depth is estimated by the inversion, calculating over various depths, and searching for the maximum in variance reduction (fit between the waveforms and the synthetics). We use velocity waveforms from broadband and short-period three component stations provided by the Israeli Seismic Network. Data are extracted in 100 s windows starting at 60 s before the origin time, then corrected for instrument response and then, the horizontal components are rotated to a great circle path (Radial and Transversal components). Finally, data and Green's functions are filtered by applying a bandpass filter in the frequency band of 0.05–0.1 Hz for earthquakes with $M_w < 4$, and 0.02–0.1 Hz for earthquake with magnitudes of $4 \leq M_w \leq 5$, in order to capture the low frequency seismic energy content (Scognamiglio et al., 2009). The best result is achieved by performing a grid-search over a range of depths, and choosing the moment tensor solution and centroid depth for which the variance reduction (VR) is at maximum. The events, for which the fault-plane solutions were estimated, are listed in Table 7. Moment tensor solutions for the individual local earthquakes are shown in Appendix B.

Magnitude of completeness estimation

Magnitude of completeness (M_C) and b-value for seismicity located inside the seismic network coverage and for the entire 2021 catalog (black polygon in Figure 6a) is computed iteratively from the goodness of fit between observed and theoretical Gutenberg–Richter distributions using a Kolmogorov-Smirnov test with b-value from maximum likelihood estimation. We select M_C for the minimum difference between the distributions is negligible. More specifically, we use the minimum as the definition of goodness of fit from the Kolmogorov-Smirnov metric distance between the two cumulative distribution functions. The determined Gutenberg–Richter distributions with estimated M_C indicate a b-value of 1.5 for the seismicity recorded inside the network with a completeness magnitude level of $M_C = 1.8$ (Figure 6b).

FIGURES

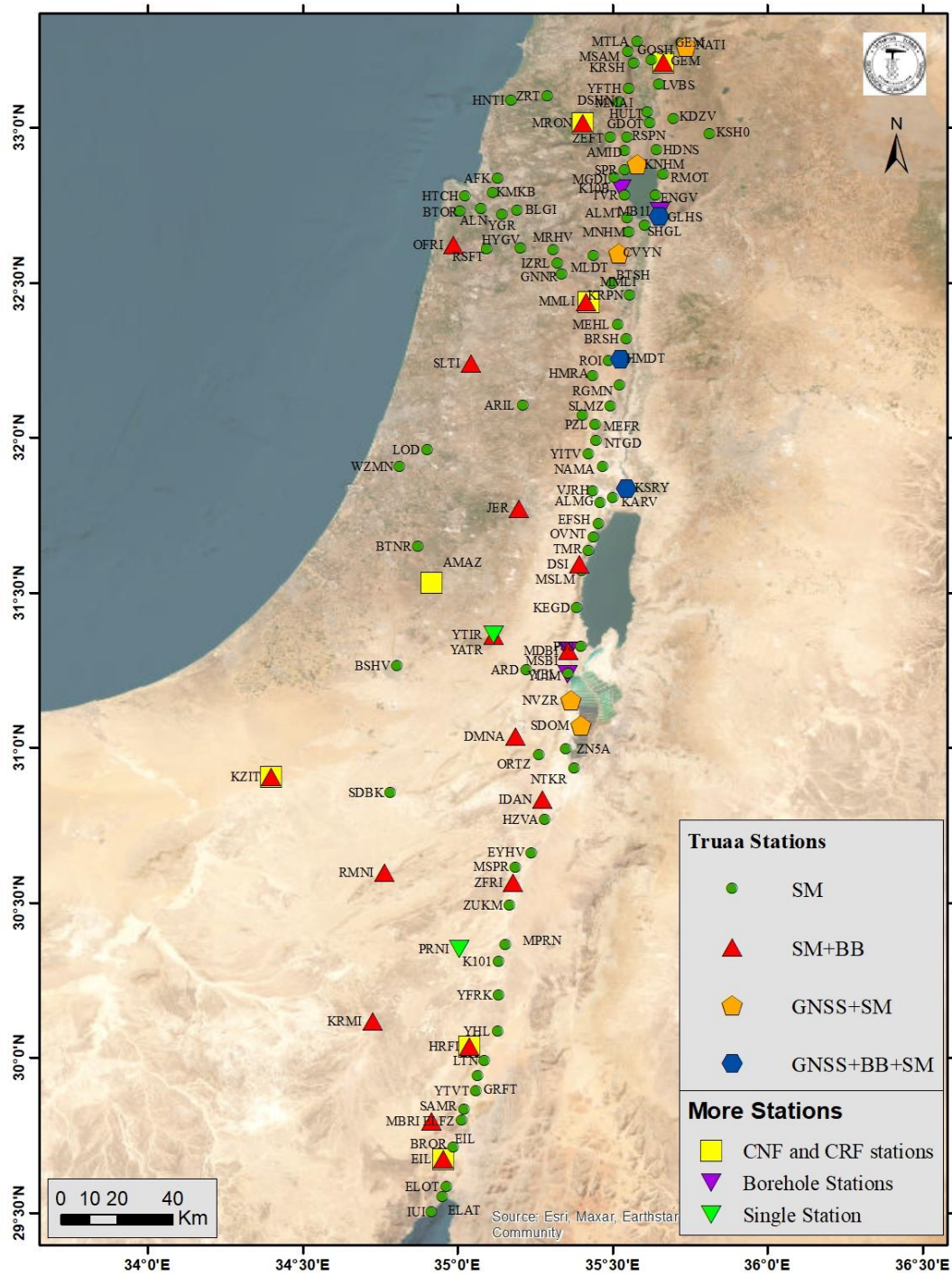


Figure 1. ISN seismic network stations

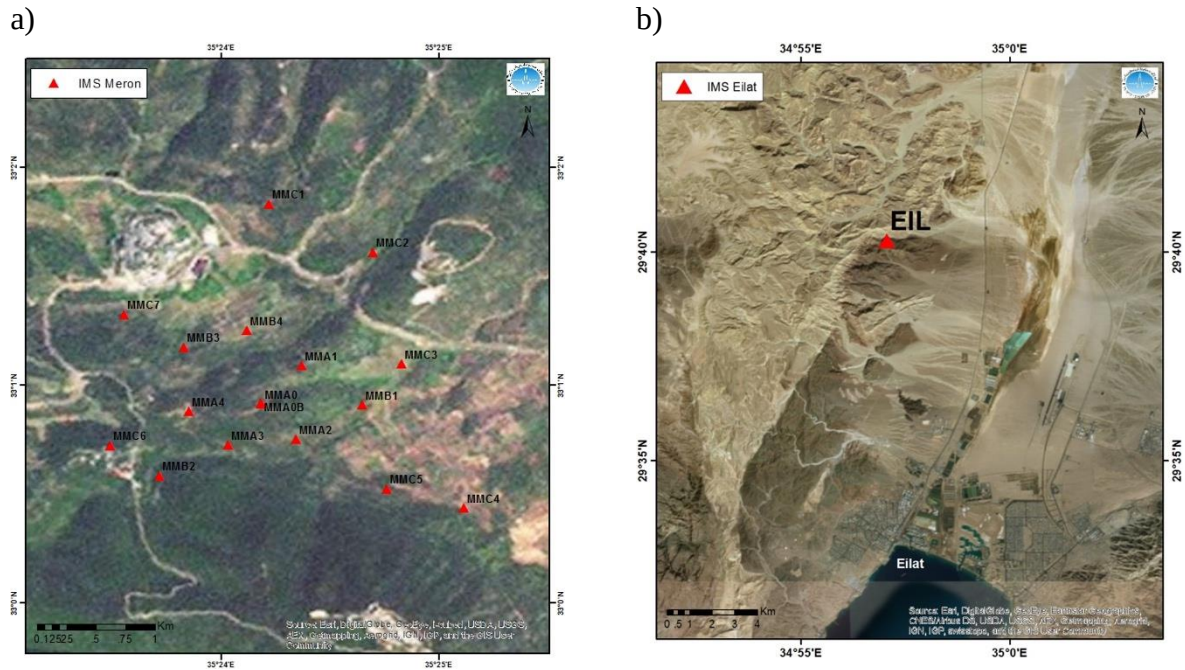


Figure 2. The International Monitoring System (IMS) deployed in the Meron mountain (a) and Eilat (b).

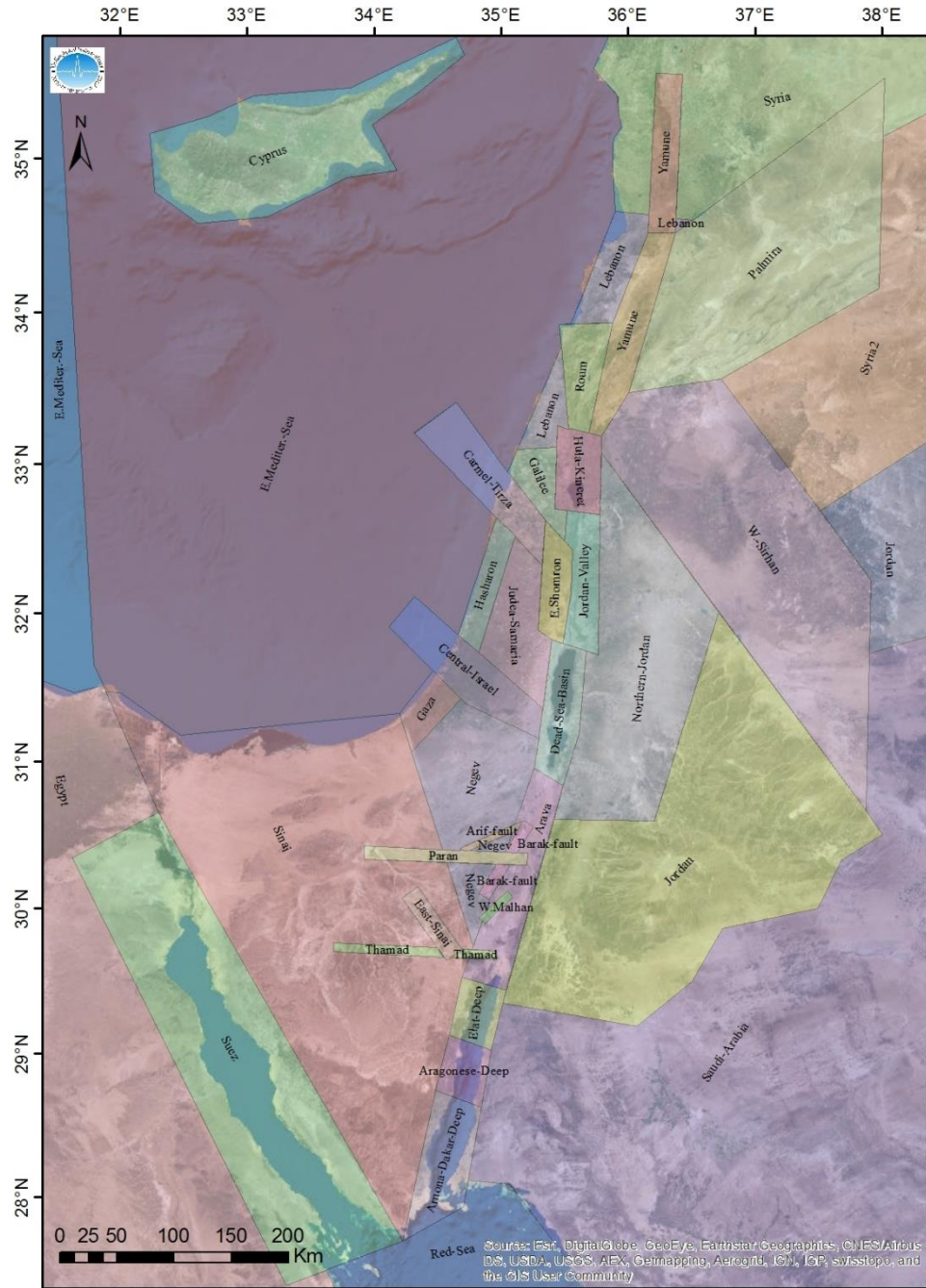


Figure 3. The regional seismogenic zones following the classification by Shamir et al. (2001)

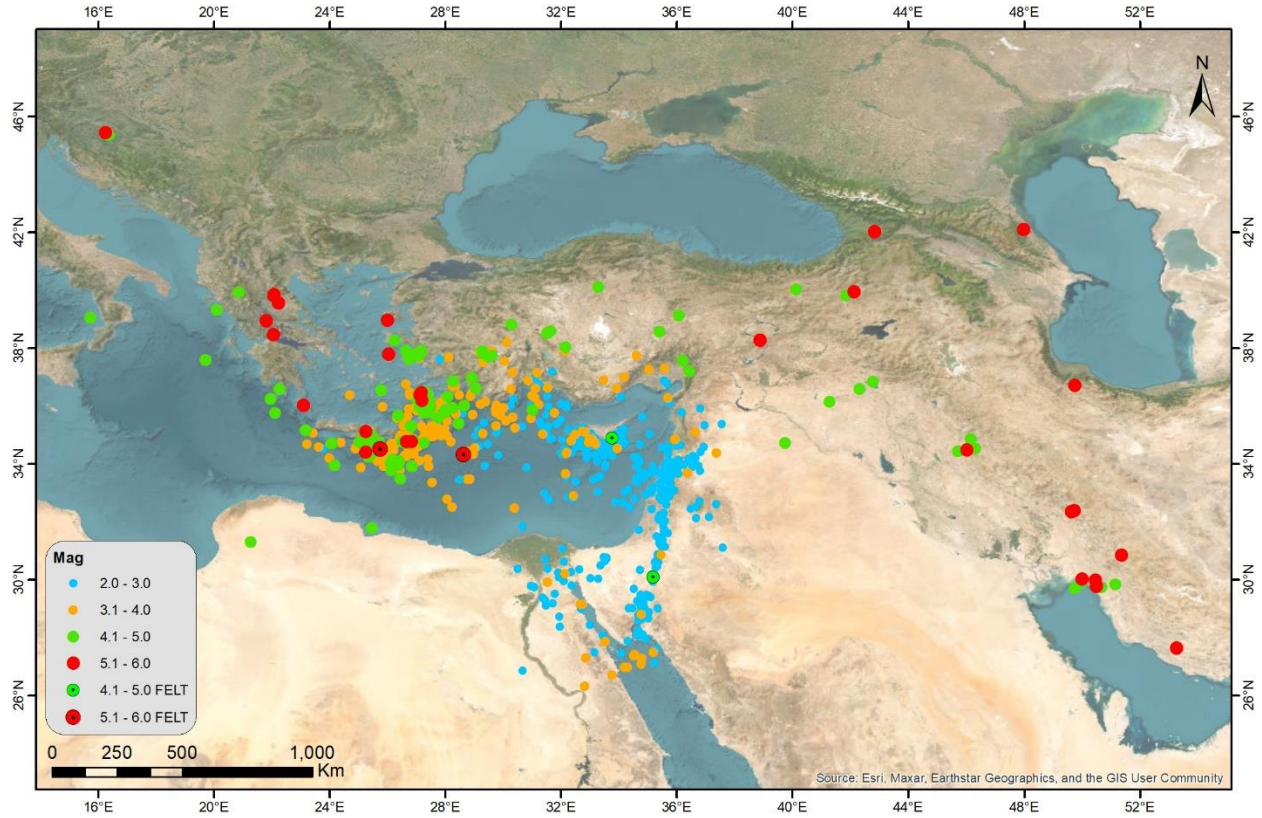


Figure 5. Local and regional earthquakes $M_w \geq 2.0$

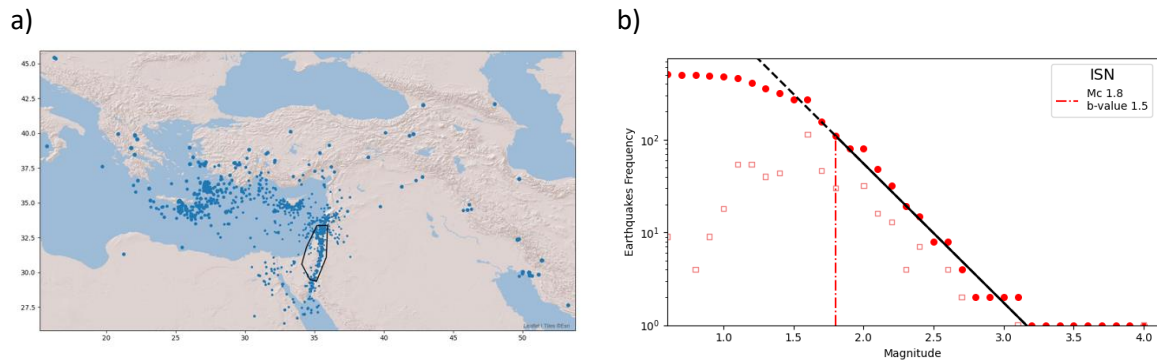


Figure 6. The regional earthquakes are shown on a map view (blue dots), with the seismic network coverage defined by the black polygon (a). The Gutenberg-Richter magnitude distribution is shown for seismicity located in the seismic network (b). Number of earthquakes is shown in a cumulative (red dots) and in a 0.1 bin (squares) fashion, with the magnitude of completeness.

TABLES

Station Code	Station Name	Sensor Type	Instrument	Latitude	Longitude	Elevation km	Start Date
AFK	Afek	A	Titan	32.8228	35.1304	0.039	17/07/2018
ALMG	Almog	A	Titan	31.7896	35.4611	-0.265	20/03/2018
ALMT	Alumot	A	Titan	32.7081	35.547	0.041	17/07/2018
ALN	Alonim	A	Titan	32.72111	35.14238	0.14	06/09/2018
AMID	Ami'ad	A	Titan	32.92702	35.53934	0.274	15/11/2017
ARD	Arad	A	Titan	31.25672	35.21033	0.6	13/08/2018
ARIL	Ariel	A	Titan	32.104	35.2096	0.6	29/07/2018
BLGI	Bet-Lehem Haglilit	A	Titan	32.7338	35.1918	0.193	13/12/2018
BROR	Beer Ora	A	Titan	29.7109	34.9861	0.108	13/08/2018
BSHV	Beer Sheva	A	Titan	31.2633	34.804	0.35	17/12/2018
BTNR	Beit Nir	A	Titan	31.649	34.8719	0.269	17/12/2018
BTOR	Beit Oren	A	Titan	32.7299	35.0057	0.367	13/08/2018
BTSH	Beit She'an	A	Titan	32.4978	35.498	0	15/11/2017
CVYN	Cohav Hayarden	A	Titan	32.5954	35.519	0.289	06/06/2018
DMNA	Dimona	V	Trillium 120	31.03649	35.19489	0.466	13/07/2020
		A	Titan				
DSHN	Dishon	A	Titan	33.083	35.51935	0.429	25/11/2018
DSI	Dragot	V	Trillium 120	31.5918	35.3933	0.026	21/08/2020
		A	Titan				
EFSH	Ein Fashha	A	Titan	31.72248	35.45311	-0.083	18/08/2020
EIL	Eilat Tunnel	V	Trillium 120	29.67231	34.95198	0.245	24/12/2018
		A	Titan				
ELAT	Eilat	A	Titan	29.5519	34.9528	0.034	12/12/2018
ELFZ	Elifaz	A	Titan	29.797	35.0128	0.198	27/06/2018
ELOT	Eylot	A	Titan	29.5823	34.9637	0.075	28/06/2018
ENGV	Ein-Gev	A	Titan	32.7813	35.6387	-0.1995	14/02/2018
EYHV	EnYahav	A	Titan	30.659	35.2357	-0.082	18/06/2018
GDOT	Gadot	A	Titan	33.01628	35.6194	0.124	25/11/2018
GEM	Giv'at HaEm	V	Trillium 120	33.2106	35.66312	0.223	01/12/2017
		A	Titan				
GLHS	Mevo Hama	V	Trillium 120	32.71355	35.64969	0.32	04/06/2018
		A	Titan				
GNNR	Gan-Ner	A	Titan	32.5279	35.3354	0.1863	08/02/2018
GOSH	HaGoshrim	A	Titan	33.2196	35.6241	0.1005	27/02/2018
GRFT	Grofit	A	Titan	29.94141	35.06386	0.159	23/12/2018
HDNS	Had-Ness	A	Titan	32.9279	35.6413	-0.0276	04/02/2018
HMDT	Hemdat	V	Trillium 120	32.2547	35.52726	0.174	05/09/2020

		A	Titan				
HMRA	Hamra	A	Titan	32.19985	35.43572	-0.039	20/02/2018
HNTI	Hanita	A	Titan	33.0827	35.1742	0.301	10/06/2018
HRFI	Harif	V	Trillium 120	30.0364	35.037	0.4392	14/08/2018
		A	Titan				
HTCH	Technion Haifa	A	Titan	32.7789	35.024	0.177	18/07/2018
HTRR	Hatrurim Junction	A	Titan	31.1872	35.2413	0.2155	15/11/2018
HULT	Hulata	A	Titan	33.05038	35.61099	0.0816	06/02/2018
HYGV	Hayogev	A	Titan	32.6108	35.2011	0.096	05/11/2018
HZVA	Hazeva	A	Titan	30.7677	35.2801	-0.149	03/07/2018
IDAN	Idan	V	Trillium 120	30.8333	35.2727	-0.172	15/11/2018
		A	Titan				
IUI	Joint University Institute Eilat	A	Titan	29.50125	34.91581	0.028	24/12/2018
IZRL	Izrael	A	Titan	32.5628	35.3226	0.0855	05/03/2018
JER	Jerusalem	V	Trillium 120	31.7724	35.1981	0.777	05/02/2018
		A	Titan				
K101	Kushi 101 km	A	Titan	30.308750	35.132450	0.204	05/07/2021
KARV	Kedem Arava	A	Titan	31.8086	35.4772	-0.309	12/12/2018
KDZV	Kedmat Zvi	A	Titan	33.0295	35.6948	0.453	26/07/2018
KEGD	Kibutz Ein-Gedi	A	Titan	31.4173	35.3794	-0.391	13/06/2018
KMKB	Kfar HaMacabi	A	Titan	32.7923	35.11441	0.0305	08/03/2018
KNHM	Kfar Nahum	A	Titan	32.8837	35.5791	-0.198	03/06/2018
KRMI	Karmit	V	Trillium 120	30.11770	34.72570	0.505	26/12/2021
		A	Titan				
KRPN	Kfar Rupin	A	Titan	32.45842	35.55483	-0.2445	08/02/2018
KRSH	Kiryat Shemona	A	Titan	33.2068	35.5686	0.1348	20/02/2018
KSH0	Keshet	A	Titan	32.9816	35.811	0.7204	05/06/2018
KSRY	Qasr El Yahus	A	Titan	31.83628	35.544	-0.355	11/09/2020
KZIT	Kziot	V	Trillium 120	30.9068	34.3978	0.2398	02/10/2018
		A	Titan				
LOD	Lod	A	Titan	31.9601	34.9021	0.051	15/08/2018
LTN	Lotan	A	Titan	29.988	35.0858	0.198	26/06/2018
LVBS	Lehavot Habashan	A	Titan	33.1409	35.6496	0.0978	04/02/2018
MBRI	Berech	V	Trillium 120	29.79329	34.9152	0.85	26/09/2019
		A	Titan				
MEFR	Maale Efrayim	A	Titan	32.0709	35.4034	0.2043	20/02/2018
MEHL	Mehola	A	Titan	32.365	35.5155	-0.1817	04/03/2018
MGDL	Migdal	A	Titan	32.84021	35.5072	-0.133	16/11/2017
MLDT	Moledet	A	Titan	32.5885	35.438	0.067	01/08/2018
MMLI	Malkishua	V	Trillium 120	32.438	35.422	0.541	07/11/2017

		A	Titan				
MNHM	Menahamia	A	Titan	32.6636	35.5523	-0.168	06/03/2018
MPRN		A	Titan	30.3627	35.1543	0.119	02/01/2019
MRHV	Merhavia	A	Titan	32.60542	35.30897	0.097	22/01/2019
MRON	Meron	V	Trillium 120	33.0152	35.403	0.795	18/08/2019
		A	Titan				
MSAM	Misgav	A	Titan	33.247	35.5486	0.8074	08/02/2018
MSBI	Mezada	V	Trillium 120	31.31255	35.35799	0.01	26/06/2019
		A	Titan				
MSLM	Mizpe Shalem	A	Titan	31.5693	35.4001	-0.283	12/06/2018
MSPR	Moshav SAPIR	A	Titan	30.6144	35.1861	-0.016	09/10/2018
MTLA	Metula	A	Titan	33.27808	35.57826	0.519	04/05/2018
NAMA	Naama	A	Titan	31.9066	35.4668	-0.1872	20/02/2018
NATI	Neve-Ative	A	Titan	33.262	35.7364	1	29/03/2017
NTKR	Neot Hakikar	A	Titan	30.9344	35.376	-0.344	18/07/2018
NVZR	Neve Zohar	A	Titan	31.1536	35.3652	-0.377	02/07/2018
OFRI	Ofer	V	Trillium 120	32.62162	34.98621	0.161	12/03/2019
		A	Titan				
ORTZ	Oretz Creek	A	Titan	30.97633	35.26051	0.001	12/06/2019
OVNT	Ovnat	A	Titan	31.67805	35.43931	0.015	13/08/2020
P88	P-88 pump	A	Titan	31.32716	35.39869	-0.367	15/10/2020
PRNI	River Paran	A	Titan	30.3522	35.0052	0.411	26/12/2016
PZL	Pazael	A	Titan	32.3196	35.5428	-0.202	01/11/2018
RGMN	Argaman	A	Titan	32.1686	35.5216	-0.191	11/03/2018
RMNI	Mizpe Ramon	V	Trillium 120	30.59697	34.76259	0.874	27/05/2019
		A	Titan				
RMOT	Ramot	A	Titan	32.8509	35.6657	-0.0151	06/02/2018
ROI	Ro'i	A	Titan	32.2482	35.48784	0.072	06/02/2018
RSFT	Ramat Hashofet	A	Titan	32.60808	35.09273	0.272	12/12/2018
RSPN	Rosh Pina	A	Titan	32.9704	35.5465	0.352	01/02/2018
SAMR	Samar	A	Titan	29.8331	35.0215	0.098	11/07/2018
SDBK	Sde Boker	A	Titan	30.85377	34.78284	0.508	20/03/2019
SDOM	Sdom	A	Titan	31.070640	35.398640	-0.367	21/04/2021
SHGL	Sha'ar HaGolan	A	Titan	32.68578	35.6041	-0.176	07/11/2017
SLMZ	Shlomzion	A	Titan	32.102	35.4918	-0.2445	20/02/2018
SPR	Sapir Facility	A	Titan	32.86455	35.53926	-0.208	31/05/2018
TMR	Tmarim	A	Titan	31.6355	35.422	0.015	26/10/2020
TVR	Teveria	A	Titan	32.78123	35.53968	-0.1639	25/02/2018
VJRH	Vered Jericho	A	Titan	31.8263	35.4312	-0.1342	28/02/2018
WZMN	Weizman	A	Titan	31.90785	34.81171	0.069	13/02/2020
YATR	Yatir	V	Trillium 120	31.362550	35.115700	0.649	25/03/2021

		A	Titan				
YFRK	Road 90 - Yafruk	A	Titan	30.19418	35.12984	0.25	03/12/2018
YFTH	Yiftach	A	Titan	33.1274	35.551	0.4251	27/02/2018
YGR	Yagur	A	Titan	32.73935	35.07533	0.0576	07/03/2018
YHL	Yahel	A	Titan	30.0836	35.1288	0.198	20/06/2018
YITV	Yitav	A	Titan	31.9466	35.4233	-0.0974	27/02/2018
YLIM	Yeelim	A	Titan	31.23838	35.35666	-0.32	15/10/2020
YTVT	Yotvata	A	Titan	29.8921	35.0591	0.092	10/07/2018
ZEFT	Zefat	A	Titan	32.96884	35.49362	0.795	12/03/2018
ZN5A	Zin 5a Borehole	A	Titan	30.994748	35.348255	-0.341	26/10/2021
ZFRI	Zofar	V	Trillium 120	30.5654	35.1785	-0.037	04/04/2017
		A	Titan				
ZRT	Zar'it	A	Titan	33.1015	35.2902	0.651	30/07/2018
ZUKM	Zukim	A	Titan	30.4915	35.1668	0.046	12/08/2018

Table 1. TRUAA seismic network stations. Sensor type A or V denotes strong motion accelerometer or seismometer correspondingly.

Station Name	Station Code	Lat.	Long.	Elevation km	Communication system	Seismometer
Amatzia	AMAZ	31.533	34.915	0.396	cellular	STS-2 (BB/CNF)
Giv'at Haem	GEM	33.210	35.663	0.223	internet	STS-2 (BB/CNF)
Eilat	EIL	29.671	34.951	0.210	internet	STS-2 (BB)
Ktziot	KZIT	30.906	34.398	0.247	internet	STS-2 (BB/CNF)
Malkishua	MMLI	32.438	35.422	0.511	internet	STS-2 (BB/CNF)
Masada	MDBI	31.312	35.358	-1.516	cellular	OYO Geospace
Mt. Harif	HRFI	30.036	35.037	0.438	internet	STS-2 (BB/CNF)
Paran	PRNI	30.351	35.005	0.411	cellular	Trillium compact
Yatir	YTIR	31.363	35.116	0.905	cellular	Trillium compact

Table 2. List of seismic stations that comprised the previous Israel Seismic Network during 2021.

Parameters	MDBI borehole	CNF	IMS
Seismometer	Oyo geospace 2Hz	STS2	Meron Array – Guralp CMG-3 EIL - STS2
Resolution	24 bits	24 bits	24 bits
Sampling rate	500	40	40
Gain	128	40	1
Volt peak to peak	20	40	40

Table 3. Station parameters of the Cooperating National Facility (CNF) and International Monitoring System (IMS)

No	Station	Latitude	Longitude	Altitude Km	Type
1	MMA0B	33.01527	35.40305	0.809	Guralp CMG-3
2	MMA0	33.01518	35.40311	0.810	
3	MMA1	33.01812	35.4062	0.776	
4	MMA2	33.01249	35.40572	0.776	
5	MMA3	33.01205	35.40056	0.792	
6	MMA4	33.01462	35.39752	0.851	
7	MMB1	33.01513	35.41081	0.733	
8	MMB2	33.00971	35.39526	0.878	
9	MMB3	33.01954	35.39714	0.812	
10	MMB4	33.02084	35.40199	0.806	
11	MMC1	33.03052	35.40368	0.827	
12	MMC2	33.02681	35.41164	0.701	
13	MMC3	33.01826	35.41381	0.713	
14	MMC4	33.00722	35.41861	0.75	
15	MMC5	33.00869	35.41269	0.766	
16	MMC6	33.01203	35.39151	0.893	
17	MMC7	33.02205	35.39256	0.816	
18	EIL	29.6712	34.951	0.210	STS2

Table 4. Stations of the Meron and Eilat arrays part of the CRF

Date			Origin time (UTC)			Magnitude		Depth, km	Location		Source parameters			Seismogenic zone
Year	Month	Day	Hour	Min.	Sec.	M _d	M _w		Lat.	Long.	Moment, Nm	Stress drop, Mpa	Radius, km	
2021	1	21	14	27	7.8	4.7	4.6	50	34.9024	33.7555	15.97	30.69	0.521	Cyprus
2021	6	15	23	8	54.4	0	4.1	21	30.09941	35.17768	15.2	6.38	0.509	Arava
2021	10	19	5	32	33.5	0	5.7	45	34.33068	28.63112	17.59			E.Mediter Sea
2021	12	29	5	8	10.6	0	5.6	35	34.51162	25.7416	17.51			E.Mediter Sea

Table 5. Source parameters of felt events

<i>P</i> Wave km/s	<i>S</i> Wave km/s	Layer thickness km
4.36	2.41	2.6
5.51	3.10	7.2
6.23	3.60	21.64
7.95	4.45	100.0
8.15	4.58	1000.0

Table 6. Local velocity model used for event location after Feigin and Shapira (1992)

Date				Origin time (UTC)			Magnitude		Depth, km	Location		Seismogenic zone
No	Year	Month	Day	Hour	Min.	Sec.	M _d	M _w		Lat	Long	
1	2021	1	21	14	27	7.8	4.7	4.6	50	34.9024	33.7555	Cyprus
2	2021	6	15	23	8	54.4	0	4.1	21	30.09941	35.17768	Arava
3	2021	10	19	5	32	33.5	0	5.7	45	34.33068	28.63112	E.Mediter.Sea
4	2021	12	29	5	8	10.6	0	5.6	35	34.51162	25.7416	E.Mediter.Sea

Table 7. List of the local earthquakes for which fault-plane solutions were estimated

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SEISMOLOGY DIVISION PERSONNEL

Zakosky Dov (M.Sc.)	Director
Navon Hila (Ph.D.)	Chief of operations
Pinsky Vladimir (Ph.D.)	Senior seismologist
Kurzon Ittai (Ph.D.)	Seismologist
Wetzler Nadav (Ph.D.)	Seismologist
Nof Ran (Ph.D.)	Seismologist
Polozov Andrey (M.Sc.)	System programmer manager
Avirav Veronic	Software programmer
Perelman Nahum (M.Sc.)	Programmer
Gorstein Marina (M.Sc.)	Chief of data analysts
Giller Dagmara (M.Sc.)	Data analyst
Eisenstat-Sofer Eshly (M.Sc.)	Data analyst
Kalmanovich Michael (M.Sc.)	Data analyst
Bar Natan Avi	Field team manager and CTBTO station operator
Giller Vadim (M.Sc.)	Field technician
Shwartzburg Alex (M.Sc.)	Field technician
Portnov Pavel (M.Sc.)	Laboratory technician

APPENDIX A. LIST OF EARTHQUAKES IN THE VICINITY OF ISRAEL

Date			Origin Time (UTC)			Magnitude			Depth, km	Location		Region	Felt
Year	Month	Day	Hour	Min.	Sec.	M _d	M _b	M _w		Lat.	Long.		
2021	1	1	3	7	8.9			1.4	16	33.1717	35.9656	W.Sirhan	EQ
2021	1	1	11	9	23.9			1.2	1	31.5063	35.4528	Dead-Sea-Basin	EQ
2021	1	1	13	6	33.9			1.2	9	30.12343	34.77661	Negev	EQ
2021	1	1	14	41	1.2			1.6	1	33.4828	35.5964	Roum	EQ
2021	1	1	16	36	21.3			3.6	30	35.4911	28.0515	E.Mediter.Sea	EQ
2021	1	2	1	5	55.6			5.1	10	42.089	47.996		EQ
2021	1	2	2	25	25.3			4.1	12	37.6294	26.7484		EQ
2021	1	2	6	33	32			1.4	1	32.8479	36.0858	W.Sirhan	EQ
2021	1	2	9	0	24.6			1.3	15	30.5569	35.29419	Arava	EQ
2021	1	2	9	2	30.9			2.4	18	30.7889	33.4818	Sinai	EQ
2021	1	2	9	49	33			2.4	1	30.7574	33.5693	Sinai	EQ
2021	1	3	1	24	18.3			1.4	17	31.47765	35.50615	Dead-Sea-Basin	EQ
2021	1	3	1	49	51			2	4	34.61937	33.96219	E.Mediter.Sea	EQ
2021	1	3	13	15	34			3.1	5	27.49969	35.19112	Red-Sea	EQ
2021	1	3	14	6	28.5			2.2	20	32.29504	35.55447	E.Shomron	EQ
2021	1	3	15	57	47.3			0.9	18	33.00361	35.43019	Galilee	EQ
2021	1	5	2	47	43.2			3.6	1	26.9836	34.2779	Red-Sea	EQ
2021	1	5	7	14	3.1			2.5	14	34.6768	32.7967	Cyprus	EQ
2021	1	5	10	6	4.3			1.6	6	29.4012	34.967	Eilat-Deep	EQ
2021	1	5	16	47	34.8			3.4	26	34.5263	25.391	E.Mediter.Sea	EQ
2021	1	5	18	23	43.6			1.7	0	32.74023	35.28835	Galilee	EQ
2021	1	6	0	17	1			1.2	17	30.52563	35.20205	Barak-fault	EQ
2021	1	6	14	7	0.6			1.9	1	33.6733	35.8079	Roum	EQ
2021	1	6	17	1	44.3			4.7	10	45.432	16.243		EQ
2021	1	6	21	29	55.4			4	5	36.3213	27.1829	E.Mediter.Sea	EQ
2021	1	7	1	49	36			2.1	2	33.88726	36.03755	Yamune	EQ
2021	1	7	17	22	46.6			1.4	4	33.14846	35.64743	Hula-Kinneret	EQ
2021	1	7	21	41	14.3			1.6	17	31.58193	35.53051	Dead-Sea-Basin	EQ
2021	1	8	0	21	24.9			3.9	10	37.853	29.1846	Turkey	EQ
2021	1	8	1	33	33.8			4	7	37.8925	29.2624	Turkey	EQ
2021	1	8	1	46	42.9			3.6	10	34.687	23.2085		EQ
2021	1	8	8	27	4.7			1.8	1	31.21579	35.39455	Dead-Sea-Basin	EQ
2021	1	8	11	36	49			1.4	19	30.48557	35.26141	Arava	EQ
2021	1	8	16	50	54			1.1	20	32.67649	35.21905	Carmel-Tirza	EQ
2021	1	9	0	6	35			3.5	1	35.6086	26.4417	E.Mediter.Sea	EQ
2021	1	9	1	40	45.2			3.3	10	35.043	26.699	E.Mediter.Sea	EQ
2021	1	9	2	52	24.7			3.4	80	36.3577	30.9951	E.Mediter.Sea	EQ

2021	1	9	4	33	52.2			3.9	22	35.5991	26.3155	E.Mediter.Sea	EQ
2021	1	9	13	29	37.9			2	1	33.6734	36.0594	Yamune	EQ
2021	1	9	13	51	40.2			1	19	32.92552	35.63499	Hula-Kinneret	EQ
2021	1	9	19	5	25.7			1.6	12	31.41619	35.40458	Dead-Sea-Basin	EQ
2021	1	9	21	29	11.7			4.5	10	45.36	16.35		EQ
2021	1	9	23	50	26.8			2.9	40	35.8046	28.5752	E.Mediter.Sea	EQ
2021	1	10	15	10	54.3			1	13	33.14275	35.57238	Hula-Kinneret	EQ
2021	1	10	18	5	56.1			1	5	32.77683	35.60972	Hula-Kinneret	EQ
2021	1	10	19	53	2.2			4.5	10	40.115	33.272	Turkey	EQ
2021	1	11	1	34	33.5			3.7	29	35.641	26.679	E.Mediter.Sea	EQ
2021	1	11	10	32	54.3			1.7	19	32.88635	35.44992	Hula-Kinneret	EQ
2021	1	11	20	38	59.9			4	20	35.569	26.561	E.Mediter.Sea	EQ
2021	1	12	2	43	23.4			1.5	9	33.59786	35.03282	E.Mediter.Sea	EQ
2021	1	12	2	44	45.3			1.4	14	31.40193	35.48593	Dead-Sea-Basin	EQ
2021	1	12	6	30	41			4	100	37.713	29.46	Turkey	EQ
2021	1	12	19	18	4.8			2.5	35	34.46548	33.76472	E.Mediter.Sea	EQ
2021	1	12	22	9	53.5			5.1	8	38.45	22.04		EQ
2021	1	13	22	51	12.9			0.9	15	33.14288	35.58824	Hula-Kinneret	EQ
2021	1	14	9	22	0.3			2.9	1	33.9556	35.8324	Lebanon	EQ
2021	1	15	2	13	7.8			1.1	1	32.34409	35.43261	E.Shomron	EQ
2021	1	15	2	14	32.4			1.6	16	32.34016	35.34455	E.Shomron	EQ
2021	1	15	10	31	52.1			1.6	12	29.69412	34.7743	Thamad	EQ
2021	1	15	12	17	32.8			1.6	7	32.761	36.539	W.Sirhan	EQ
2021	1	15	12	58	59.7			1.7	3	29.818	34.922	Arava	EQ
2021	1	15	17	15	39.8			2.5	30	33.907	33.537	E.Mediter.Sea	EQ
2021	1	15	17	20	7.4			4.2	1	37.72	27.02		EQ
2021	1	16	8	48	18.5			3.5	20	34.049	26.117	E.Mediter.Sea	EQ
2021	1	16	9	33	54.7			2	25	32.863	36.17	W.Sirhan	EQ
2021	1	16	12	0	32.5			1.7	25	30.623	35.317	Arava	EQ
2021	1	16	13	40	53.9			3.4	2	34.6	25.16	E.Mediter.Sea	EQ
2021	1	16	16	28	44.6			2.2	10	29.02	35.33	Saudi-Arabia	EQ
2021	1	17	11	22	42.8	4.2	4.4		45	34.742	25.009	E.Mediter.Sea	EQ
2021	1	18	1	13	5.5			3.2	18	36.38	26.761	E.Mediter.Sea	EQ
2021	1	18	3	19	1.2			1.5	13	32.02668	35.54541	Jordan-Valley	EQ
2021	1	18	4	23	9.7			4.5	10	35.669	26.349	E.Mediter.Sea	EQ
2021	1	18	4	32	54.2			1.9	5	31.10331	35.48442	Dead-Sea-Basin	EQ
2021	1	18	5	20	33.4			1.6	6	31.12046	35.48132	Dead-Sea-Basin	EQ
2021	1	18	9	3	35.4			1.8	20	29.689	34.73	Thamad	EQ
2021	1	18	20	21	17.5			4.1	10	36.25	21.95		EQ
2021	1	18	21	16	52.5			4	20	34.73	27.25	E.Mediter.Sea	EQ
2021	1	19	0	41	10			4.1	2	36.61	29.05	Turkey	EQ

2021	1	19	2	5	5.1			3.2	148	36.77	26.63		EQ
2021	1	19	4	42	58.6			1.3	0	32.52076	35.25617	Carmel-Tirza	EQ
2021	1	19	6	24	4.2			2	16	32.12895	35.35609	E.Shomron	EQ
2021	1	19	8	35	41.8			2.1	18	30.41277	35.2645	Arava	EQ
2021	1	19	10	53	12.7			3.1	20	29.157	32.727	Suez	EQ
2021	1	19	17	25	6.9			1.6	18	32.60073	35.26484	Carmel-Tirza	EQ
2021	1	19	17	51	17.7			2.4	80	36.05	32.18	E.Mediter.Sea	EQ
2021	1	19	19	32	14.3			2.9	75	37.601	27.8		EQ
2021	1	19	20	20	44			2.8	18	34.53	23.78	E.Mediter.Sea	EQ
2021	1	19	22	9	24.3			3.5	27	35.319	26.531	E.Mediter.Sea	EQ
2021	1	20	4	9	54.7			1.8	2	30.52759	35.29652	Arava	EQ
2021	1	20	4	13	14.1			1.7	16	30.462	35.208	Arava	EQ
2021	1	20	8	2	49.5			2.2	12	29.002	32.691	Suez	EQ
2021	1	20	9	58	1.5			2.3	14	32.04317	35.42689	E.Shomron	EQ
2021	1	20	20	35	38.9			4.3	74	35.933	28.241	E.Mediter.Sea	EQ
2021	1	20	23	37	53.4			4.7	10	37.77	26.77		EQ
2021	1	21	12	28	29.3			4.2	51	36.87	28.26		EQ
2021	1	21	14	27	7.8	4.7	4.7	4.6	50	34.9024	33.7555	Cyprus	FELT
2021	1	21	16	14	30.3			2.6	40	34.938	33.819	Cyprus	EQ
2021	1	21	17	39	43.1			1.6	16	32.772	35.672	Hula-Kinneret	EQ
2021	1	22	0	0	38.1			2.8	80	35.95	32.21	E.Mediter.Sea	EQ
2021	1	22	4	0	12.8			2.3	18	35.0334	33.9865	Cyprus	EQ
2021	1	22	6	44	37.8			2.2	19	30.81493	35.33309	Arava	EQ
2021	1	22	6	57	31.5			4.3	20	35.29868	26.82012	E.Mediter.Sea	EQ
2021	1	22	17	55	50.5			3	35	35.03	33.90112	Cyprus	EQ
2021	1	23	5	42	1.4			2.5	14	34.83	33.94	E.Mediter.Sea	EQ
2021	1	23	10	59	50.4			3.3	53	36.37	28.48	E.Mediter.Sea	EQ
2021	1	23	14	49	44.1			2.7	8	30.376	31.525	Egypt	EQ
2021	1	23	17	35	3.5			0.6	3	32.87244	35.56998	Hula-Kinneret	EQ
2021	1	23	20	4	12.4			1.8	14	32.811	35.677	Hula-Kinneret	EQ
2021	1	25	10	43	48.4			2	1	33.121	35.651	Hula-Kinneret	EQ
2021	1	25	17	5	54.1			2.6	4	34.671	32.509	Cyprus	EQ
2021	1	25	21	27	40.2			2.1	1	32.08699	35.37583	E.Shomron	EQ
2021	1	25	22	32	57.9			1.5	16	32.28474	35.48162	E.Shomron	EQ
2021	1	25	22	41	44			2	12	32.27937	35.46143	E.Shomron	EQ
2021	1	25	23	54	37.6			4.1	6	35.77	22.11		EQ
2021	1	26	1	11	31.2			3.8	30	34.75	24.37	E.Mediter.Sea	EQ
2021	1	26	2	11	9			3.5	30	36.08	29.2	E.Mediter.Sea	EQ
2021	1	26	3	0	53.2			1.1	5	32.61868	35.1566	Carmel-Tirza	EQ
2021	1	26	10	1	55.9			4.5	10	36.849	42.784	Iraq	EQ
2021	1	26	11	17	42			4.7	10	36.15	41.29	Syria2	EQ

2021	1	26	12	50	12			2.4	5	33.7897	35.7611	Roum	EQ
2021	1	26	17	47	51.8			2.8	10	33.87	30.82	E.Mediter.Sea	EQ
2021	1	26	19	49	14.8			2	1	33.557	35.802	Yamune	EQ
2021	1	27	1	42	22.1			1.6	7	33.0109	36.3481	W.Sirhan	EQ
2021	1	27	14	55	49.5			3.1	20	27.8496	33.5111	Suez	EQ
2021	1	27	16	13	5.5			3.9	30	34.812	27.239	E.Mediter.Sea	EQ
2021	1	28	13	16	7.5			1.8	8	32.71625	35.59296	Hula-Kinneret	EQ
2021	1	29	14	33	1.9			4	30	34.7	25.18	E.Mediter.Sea	EQ
2021	1	29	18	54	30.5			1.3	12	33.08707	35.47719	Hula-Kinneret	EQ
2021	1	30	15	12	35.1			3.4	7	34.268	26.638	E.Mediter.Sea	EQ
2021	1	31	14	20	12			3.7	10	35.149	27.58	E.Mediter.Sea	EQ
2021	1	31	18	4	9.6			1.6	4	32.15849	35.48229	E.Shomron	EQ
2021	2	1	5	46	49.5			4.8	1	38.96	26		EQ
2021	2	1	6	0	14.3			2.6	13	32.4882	34.37713	E.Mediter.Sea	EQ
2021	2	1	20	46	22.8			4.6	17	38.269	26.251		EQ
2021	2	2	0	2	52.3			4.5	2	38.58	35.39	Turkey	EQ
2021	2	2	14	56	18.1			2	16	31.65781	35.55354	Dead-Sea-Basin	EQ
2021	2	2	23	54	30.4			3.2	8	37.31	35.57	Turkey	EQ
2021	2	3	1	53	8.1			2.6	9	34.42217	32.28527	E.Mediter.Sea	EQ
2021	2	3	19	54	56.8	4.4	4.5		10	39.33	20.09		EQ
2021	2	3	21	2	47.7			2.6	5	31.35443	35.42525	Dead-Sea-Basin	EQ
2021	2	3	23	59	11.4			1.3	3	32.89769	35.56794	Hula-Kinneret	EQ
2021	2	4	0	21	2.2			2.8	4	28.90969	34.88112	Aragonese-Deep	EQ
2021	2	4	0	55	22			1.5	1	31.489	35.431	Dead-Sea-Basin	EQ
2021	2	4	13	16	21.7			2.1	1	31.618	35.686	Northern-Jordan	EQ
2021	2	4	14	51	48			2.1	1	34.192	36.405	Palmira	EQ
2021	2	4	16	29	36.6			1.8	16	31.517	35.575	Dead-Sea-Basin	EQ
2021	2	4	18	50	8.8			1.7	14	31.7299	35.6371	Dead-Sea-Basin	EQ
2021	2	5	12	54	7.2			2	20	33.427	34.533	E.Mediter.Sea	EQ
2021	2	5	21	47	40.9			3.7	12	34.2	23.979	E.Mediter.Sea	EQ
2021	2	5	23	46	6.6			1.4	14	32.8121	35.5881	Hula-Kinneret	EQ
2021	2	6	0	46	48.4			2.1	12	34.8807	33.9811	E.Mediter.Sea	EQ
2021	2	6	1	52	28.4			1.3	1	32.8869	35.55828	Hula-Kinneret	EQ
2021	2	6	3	35	2.6			2.4	20	36.0144	30.2655	E.Mediter.Sea	EQ
2021	2	6	3	39	33.3			2.1	16	35.82201	29.86902	E.Mediter.Sea	EQ
2021	2	6	21	14	14.3	2.7		2.7	16	30.5976	35.26086	Arava	EQ
2021	2	6	21	15	40.9			2	17	30.60933	35.24939	Arava	EQ
2021	2	6	21	44	45.7			0.8	9	31.67324	35.54896	Dead-Sea-Basin	EQ
2021	2	7	4	42	9.4			2.9	5	34.624	36.008	Lebanon	EQ
2021	2	7	12	32	30			2.2	5	31.2677	35.3982	Dead-Sea-Basin	EQ
2021	2	7	15	15	11.8			1.4	1	32.882	35.609	Hula-Kinneret	EQ

2021	2	7	16	43	6.4			2.8	14	34.89	32.58	Cyprus	EQ
2021	2	7	22	1	15.1			4.3	17	39.128	36.068	Turkey	EQ
2021	2	8	1	25	14.2			3.8	93	36.37	24.69	E.Mediter.Sea	EQ
2021	2	8	8	3	3.2			2.8	55	34.85069	32.82012	Cyprus	EQ
2021	2	8	14	16	32.9			1.9	4	33.311	36.05	W.Sirhan	EQ
2021	2	8	20	59	47.6			2	10	31.73029	34.68962	Central-Israel	EQ
2021	2	9	10	10	18.1			2.1	1	32.131	36.661	W.Sirhan	EQ
2021	2	9	11	3	20.2			3	31	32.4713	30.38608	E.Mediter.Sea	EQ
2021	2	9	14	34	58.4			1.9	1	33.27	36.77	W.Sirhan	EQ
2021	2	9	15	51	59.4	4.3	4.4	4.6	7	38.6	31.63	Turkey	EQ
2021	2	9	20	23	27.6			1.1	1	32.85349	35.57524	Hula-Kinneret	EQ
2021	2	9	22	9	54.1			2.8	25	34.479	32.161	E.Mediter.Sea	EQ
2021	2	10	2	50	45.2			2.7	30	34.929	32.621	Cyprus	EQ
2021	2	11	7	24	10.1			1.9	0	33.04381	36.08006	W.Sirhan	EQ
2021	2	11	19	23	28.8			4.2	12	37.92	26.63		EQ
2021	2	12	21	20	58.8			1.3	18	32.72285	35.5363	Hula-Kinneret	EQ
2021	2	13	3	16	8.4			0.8	20	32.98502	35.61003	Hula-Kinneret	EQ
2021	2	13	4	42	21			3.4	94	34.7	26.26	E.Mediter.Sea	EQ
2021	2	13	9	37	12.6			2.2	7	32.511	36.662	W.Sirhan	EQ
2021	2	14	1	56	43			1.3	17	31.51188	35.48247	Dead-Sea-Basin	EQ
2021	2	14	17	16	18.4			2.4	20	34.8587	31.6483	E.Mediter.Sea	EQ
2021	2	14	21	0	24.4			2.3	14	34.84	33.87	E.Mediter.Sea	EQ
2021	2	14	21	8	14.6			3.9	2	38.2	30.13	Turkey	EQ
2021	2	15	15	4	45.8			3.4	65	36.294	28.02	E.Mediter.Sea	EQ
2021	2	15	19	46	47.9			3.8	6	35.98	25.824	E.Mediter.Sea	EQ
2021	2	16	9	17	24.8			1.8	18	32.62951	35.16619	Carmel-Tirza	EQ
2021	2	16	10	27	41.4			1.7	35	32.9687	35.5381	Hula-Kinneret	EQ
2021	2	16	18	4	18			2.9	10	34.239	34.539	E.Mediter.Sea	EQ
2021	2	16	21	57	0.8			3.2	35	34.539	33.94	E.Mediter.Sea	EQ
2021	2	17	16	53	3.3			2	5	33.1888	35.1728	E.Mediter.Sea	EQ
2021	2	17	18	22	52			2	3	33.31912	35.4086	Lebanon	EQ
2021	2	17	18	35	41.6			5.4	10	30.847	51.384		EQ
2021	2	17	21	13	9.8			4.2	10	34.034	26.191	E.Mediter.Sea	EQ
2021	2	18	3	5	2.8			1.5	8	33.11169	34.84312	Carmel-Tirza	EQ
2021	2	18	11	34	46.5			1.9	1	33.12466	36.92041	W.Sirhan	EQ
2021	2	19	14	22	57.8			2.3	14	34.691	34.749	E.Mediter.Sea	EQ
2021	2	19	19	18	47.3			2.9	80	35.072	29.762	E.Mediter.Sea	EQ
2021	2	19	19	28	18.7			1.7	3	33.554	35.702	Roum	EQ
2021	2	20	16	55	54			2.5	8	34.7778	33.9308	E.Mediter.Sea	EQ
2021	2	20	17	0	39.9			4	1	35.784	27.989	E.Mediter.Sea	EQ
2021	2	21	14	54	35.2			2.4	17	33.31438	35.7737	Yamune	EQ

2021	2	21	15	54	9.7			1.5	24	33.26603	35.45344	Lebanon	EQ
2021	2	21	21	42	1			2	1	33.31192	35.40536	Lebanon	EQ
2021	2	22	3	18	36.4			2.4	6	27.61	35.3	Red-Sea	EQ
2021	2	22	12	27	19			1.8	11	30.53152	35.3324	Arava	EQ
2021	2	23	18	7	14.2			1.3	6	30.49743	35.32538	Arava	EQ
2021	2	23	18	8	34.2			3.1	8	27.3797	34.5111	Red-Sea	EQ
2021	2	23	19	14	3.3			3.8	30	34.041	26.071	E.Mediterr.Sea	EQ
2021	2	24	2	57	4.3			1.3	25	32.8274	35.7715	Hula-Kinneret	EQ
2021	2	24	6	33	7.4			1.8	5	32.87794	35.53688	Hula-Kinneret	EQ
2021	2	24	8	53	28.9			4.9	10	30.85	51.42		EQ
2021	2	24	9	27	57.6			1.6	20	32.4046	35.16328	Judea-Samaria	EQ
2021	2	24	10	51	53			4.3	14	35.299	26.788	E.Mediterr.Sea	EQ
2021	2	24	14	55	0.3			2.6	70	34.769	32.441	Cyprus	EQ
2021	2	25	2	43	37			1.4	6	31.701	35.45	Dead-Sea-Basin	EQ
2021	2	25	8	46	48.1			2.5	20	30.3579	32.6211	Sinai	EQ
2021	2	25	11	45	27			2.1	0	33.88917	36.53641	Palmira	EQ
2021	2	25	20	17	51.2			2.5	20	35.19	32.261	E.Mediterr.Sea	EQ
2021	2	26	15	46	48.4			4	2	34.1	26.39	E.Mediterr.Sea	EQ
2021	2	26	17	6	42			1.8	1	33.63592	35.63137	Roum	EQ
2021	2	26	18	42	0.2			1.7	1	31.27747	35.48661	Dead-Sea-Basin	EQ
2021	2	26	23	31	3.1			2.6	3	34.38	32.858	E.Mediterr.Sea	EQ
2021	2	26	23	50	2.8			1.6	19	32.28908	35.37196	E.Shomron	EQ
2021	2	27	0	8	36.6			1.4	2	32.8734	35.5365	Hula-Kinneret	EQ
2021	2	27	6	44	54.3	1.9		2	3	32.88324	35.57644	Hula-Kinneret	EQ
2021	2	27	12	9	2.7			1.3	1	32.86318	35.64473	Hula-Kinneret	EQ
2021	2	27	18	19	3.7			1.6	4	33.39408	35.32001	Lebanon	EQ
2021	2	27	20	46	17.9			0.7	1	32.8454	35.5545	Hula-Kinneret	EQ
2021	2	28	1	15	38.4			3.2	7	33.806	26.42	E.Mediterr.Sea	EQ
2021	2	28	1	35	37			1.3	23	32.5393	35.30462	Carmel-Tirza	EQ
2021	2	28	2	23	0.4			2.3	5	34.1	33.27	E.Mediterr.Sea	EQ
2021	2	28	10	55	47.3			1.4	19	32.77735	35.31342	Galilee	EQ
2021	3	1	1	38	37			1.7	16	32.8057	35.628	Hula-Kinneret	EQ
2021	3	2	4	40	50.4			1.6	25	32.70678	35.15937	Carmel-Tirza	EQ
2021	3	2	6	21	9.9			1.3	1	33.11063	35.47346	Hula-Kinneret	EQ
2021	3	2	7	6	35.2			1.3	6	32.91138	35.57335	Hula-Kinneret	EQ
2021	3	2	9	20	58.1			1.7	1	32.856	35.55	Hula-Kinneret	EQ
2021	3	2	14	33	57.7			2	30	33.4249	34.5901	E.Mediterr.Sea	EQ
2021	3	2	14	54	53.3			1.6	2	32.731	35.419	Galilee	EQ
2021	3	2	19	35	3.5			1.4	4	32.7695	35.5341	Hula-Kinneret	EQ
2021	3	3	1	9	12.6			1.6	1	32.4506	35.248	Carmel-Tirza	EQ
2021	3	3	4	34	0.1			1.9	13	29.35448	35.1026	Jordan	EQ

2021	3	3	11	36	2.1			5.2	20	36.6997	49.7599		EQ
2021	3	3	11	45	44.8			5.3	1	39.5591	22.2251		EQ
2021	3	3	12	11	56			2.9	3	27.1248	35.2429	Red-Sea	EQ
2021	3	3	12	26	20			3	5	27.0907	34.7601	Red-Sea	EQ
2021	3	4	3	26	44.4			3	78	36.25	30.35	Turkey	EQ
2021	3	4	5	55	44.2			1.8	1	32.8986	35.4416	Hula-Kinneret	EQ
2021	3	4	11	48	26.1			2.3	1	34.019	36.511	Palmira	EQ
2021	3	4	18	38	24.4			5.5	10	38.931	21.79		EQ
2021	3	4	19	23	50.4			5.3	3	39.85	22.06		EQ
2021	3	4	23	24	30.9	3.8		3.8	3	34.3824	37.38638	Palmira	EQ
2021	3	5	0	45	29.9			3.6	74	33.92	27.407	E.Mediter.Sea	EQ
2021	3	5	14	11	37.2			1.4	12	29.55317	34.73569	Arava	EQ
2021	3	5	23	54	42.6			1.4	21	33.13546	35.59861	Hula-Kinneret	EQ
2021	3	6	9	30	58.4			2.1	7	33.09366	35.91473	W.Sirhan	EQ
2021	3	7	11	2	52.7			0.9	0	33.13722	35.47966	Hula-Kinneret	EQ
2021	3	7	12	13	28.7			1.9	3	33.74925	35.46562	Lebanon	EQ
2021	3	8	0	43	9.8			1.7	10	31.60089	35.81566	Northern-Jordan	EQ
2021	3	8	4	40	39.8			1.7	1	31.19421	35.37769	Dead-Sea-Basin	EQ
2021	3	8	18	8	26			1.9	20	29.61883	35.09496		EQ
2021	3	8	18	9	51.5			1.7	20	29.623	35.067	Arava	EQ
2021	3	8	21	20	41.7			1.9	14	31.46761	35.47492	Dead-Sea-Basin	EQ
2021	3	8	21	38	45.6			1	21	31.46683	35.50401	Dead-Sea-Basin	EQ
2021	3	8	22	10	46.6			1.6	12	31.45697	35.47452	Dead-Sea-Basin	EQ
2021	3	9	2	34	44.5			1.2	7	32.7786	35.35446	Galilee	EQ
2021	3	9	3	26	25.9			3	20	26.98	34.18	Red-Sea	EQ
2021	3	9	4	30	31.2			4.2	14	34.038	26.097	E.Mediter.Sea	EQ
2021	3	10	14	53	23.6			3.4	2	35.57	30.96	E.Mediter.Sea	EQ
2021	3	10	17	40	18.5			1.1	8	33.18	35.389	Lebanon	EQ
2021	3	11	1	27	47.4			2.3	20	35.212	34.182	E.Mediter.Sea	EQ
2021	3	11	14	35	6.9			2.6	10	34.9988	34.0712	Cyprus	EQ
2021	3	11	20	46	3.6			1.5	4	31.199	35.368	Dead-Sea-Basin	EQ
2021	3	11	23	15	26.5			2.4	10	34.9558	34.1204	Cyprus	EQ
2021	3	12	6	34	32.9			1.7	26	29.59532	34.99025	Arava	EQ
2021	3	13	2	31	47.6			1.6	15	30.47939	35.32119	Arava	EQ
2021	3	13	3	6	17.8			1.7	1	32.86865	35.53855	Hula-Kinneret	EQ
2021	3	13	3	59	54.4			1.7	15	29.64993	35.00811	Arava	EQ
2021	3	13	18	19	44.2			1.5	6	33.708	35.899	Yamune	EQ
2021	3	14	21	53	30.7			1.9	15	30.48471	35.32151	Arava	EQ
2021	3	14	22	32	55.9			1.7	19	30.39104	35.24794	Arava	EQ
2021	3	15	1	55	49.3			4.3	2	36.972	28.908	Turkey	EQ
2021	3	15	21	14	6.9			1.3	8	31.94142	35.69421	Jordan-Valley	EQ

2021	3	16	1	2	27.3			2.4	1	33.91	35.982	Yamune	EQ
2021	3	16	1	35	21.9			2.4	20	34.5	33.78	E.Mediter.Sea	EQ
2021	3	16	8	32	1.6			3.1	7	35.083	36.651	Syria	EQ
2021	3	16	20	11	30.2			3.7	8	36.475	26.767	E.Mediter.Sea	EQ
2021	3	18	21	28	30.4			2.2	25	34.448	33.332	E.Mediter.Sea	EQ
2021	3	18	21	38	18.5			2.6	25	34.853	32.86	Cyprus	EQ
2021	3	19	1	4	54.2			1.6	3	31.7505	35.2228	Judea-Samaria	EQ
2021	3	19	7	9	46			2.5	0	33.38662	32.51841	E.Mediter.Sea	EQ
2021	3	19	21	13	49.7			2	1	28.6665	35.0138	Saudi-Arabia	EQ
2021	3	19	21	58	8.7			3.1	1	36.9871	34.1769	Turkey	EQ
2021	3	19	22	39	46.2			3.1	30	35.869	28.081	E.Mediter.Sea	EQ
2021	3	19	23	42	59.9			1.6	12	29.80625	34.94802	Arava	EQ
2021	3	20	0	59	29.1			1.6	20	32.85418	35.64148	Hula-Kinneret	EQ
2021	3	20	1	45	38.2			1.9	12	30.49922	35.34309	Arava	EQ
2021	3	20	2	16	49.8			2.6	3	36.769	35.671	Turkey	EQ
2021	3	20	3	9	9.7			3.9	20	35.048	27.542	E.Mediter.Sea	EQ
2021	3	20	3	36	57.1			3.5	30	34.958	27.588	E.Mediter.Sea	EQ
2021	3	20	5	28	16.3			2.2	16	35.0197	34.0211	Cyprus	EQ
2021	3	20	5	28	17.1			2.6	12	34.91	33.98	Cyprus	EQ
2021	3	20	6	36	40.4			2.8	80	36.35	31.53	E.Mediter.Sea	EQ
2021	3	21	1	50	28.9			1.8	19	32.94442	35.6184	Hula-Kinneret	EQ
2021	3	21	10	31	13.7			1.8	20	33.608	35.811	Yamune	EQ
2021	3	22	5	31	15.1			1.6	3	31.208	35.59	Dead-Sea-Basin	EQ
2021	3	22	22	6	53			1.6	2	32.71	36.14	W.Sirhan	EQ
2021	3	23	0	7	58.6			4.8	10	39.94	20.85		EQ
2021	3	23	4	14	20.1			2.2	35	34.599	34.011	E.Mediter.Sea	EQ
2021	3	23	10	28	21.6			2.9	10	36.877	35.5561	Turkey	EQ
2021	3	23	20	28	18.7			1.5	2	32.911	36.05	W.Sirhan	EQ
2021	3	24	9	16	38.9			1.9	1	31.21004	35.38438	Dead-Sea-Basin	EQ
2021	3	24	16	1	30.5			1.3	4	32.8977	35.59424	Hula-Kinneret	EQ
2021	3	25	22	35	23.6			1.9	25	32.281	35.659	Jordan-Valley	EQ
2021	3	26	8	8	43.2			1.5	21	32.83283	35.66049	Hula-Kinneret	EQ
2021	3	26	10	18	51.1			1.7	6	33.1009	35.60638	Hula-Kinneret	EQ
2021	3	26	10	35	56.3			2	1	32.70412	36.78027	W.Sirhan	EQ
2021	3	27	14	11	19.3			1.8	13	31.7738	35.51154	Dead-Sea-Basin	EQ
2021	3	27	17	17	6			1.3	7	32.93971	35.34677	Galilee	EQ
2021	3	27	18	30	9.7			1.3	0	32.82635	35.57267	Hula-Kinneret	EQ
2021	3	28	4	36	42.2			2.5	5	34.38	32.021	E.Mediter.Sea	EQ
2021	3	28	23	26	8.2			3.6	10	35.831	27.509	E.Mediter.Sea	EQ
2021	3	29	15	15	9.8			2.2	1	33.54	34.87	E.Mediter.Sea	EQ
2021	3	30	0	39	57.8			1	21	32.89075	34.90915	Carmel-Tirza	EQ

2021	3	30	3	54	39.5			2.4	8	32.6134	37.35607	W.Sirhan	EQ
2021	3	30	19	9	3.2			2.3	1	29.024	34.884	Aragonese-Deep	EQ
2021	4	1	1	29	3.8			3	2	36.313	34.061	Turkey	EQ
2021	4	1	6	8	58			3.4	10	36.034	29.759	E.Mediter.Sea	EQ
2021	4	1	6	42	0.9			2.6	2	27.96	34.94	Red-Sea	EQ
2021	4	1	9	58	32			3.5	60	35.952	27.279	E.Mediter.Sea	EQ
2021	4	1	23	52	6.6			1.8	10	32.79528	35.61995	Hula-Kinneret	EQ
2021	4	2	14	3	60			4.1	8	37.78	27.13		EQ
2021	4	3	6	10	10.4			4.9	1	35.161	23.17		EQ
2021	4	3	17	58	45.1			3.8	7	33.88	25.059	E.Mediter.Sea	EQ
2021	4	4	0	57	49.7			0.9	0	33.03154	35.38513	Galilee	EQ
2021	4	4	1	3	4.6			3	20	26.8499	30.6691	Egypt	EQ
2021	4	4	2	2	4.5			3	50	26.327	32.823	Egypt	EQ
2021	4	5	11	34	33.5			2.4	10	34.631	33.131	Cyprus	EQ
2021	4	5	14	18	25.1			1.6	9	29.62641	35.12339	Jordan	EQ
2021	4	5	18	42	32.4			1.8	11	32.95765	35.59985	Hula-Kinneret	EQ
2021	4	5	21	18	44.7			1	11	33.05682	35.24117	Galilee	EQ
2021	4	6	0	34	1.5			1	3	32.8508	35.57096	Hula-Kinneret	EQ
2021	4	6	4	0	21.4			1.6	5	32.82988	35.59896	Hula-Kinneret	EQ
2021	4	6	5	49	48.5			1.9	16	33.02811	35.55457	Hula-Kinneret	EQ
2021	4	6	5	59	45.7			1.9	0	33.14277	35.59425	Hula-Kinneret	EQ
2021	4	6	8	8	30.9			2.9	20	34.6997	33.8311	E.Mediter.Sea	EQ
2021	4	6	23	31	17.6			1.5	5	32.82729	35.59008	Hula-Kinneret	EQ
2021	4	6	23	57	19.7			1.5	10	31.44881	35.49449	Dead-Sea-Basin	EQ
2021	4	7	1	32	21.3	3.5		3.7	100	33.36	27.54	E.Mediter.Sea	EQ
2021	4	7	2	55	28.8			2.1	1	34.36314	35.69584	E.Mediter.Sea	EQ
2021	4	7	4	31	15.9	2.1		2.1	4	29.27795	34.7456	Eilat-Deep	EQ
2021	4	7	6	39	39.4			1.7	0	29.50437	34.79243	Arava	EQ
2021	4	7	9	15	31.4			1.8	1	33.30815	35.49414	Lebanon	EQ
2021	4	7	13	49	22.4			1.7	17	33.31475	35.38238	Lebanon	EQ
2021	4	7	21	55	2.3			4	8	35.82969	27.34112	E.Mediter.Sea	EQ
2021	4	7	22	3	13.1			0.8	1	33.292	35.69314	Roum	EQ
2021	4	7	22	35	10.4			4	25	35.99	27.231	E.Mediter.Sea	EQ
2021	4	8	0	33	46.6			4.4	20	36.489	27.131	E.Mediter.Sea	EQ
2021	4	8	1	0	46.7			4	4	36.399	27.227	E.Mediter.Sea	EQ
2021	4	8	4	22	37.1			2.7	9	33.74574	35.19807	E.Mediter.Sea	EQ
2021	4	8	15	23	5.4			4.3	20	36.2999	27.0801	E.Mediter.Sea	EQ
2021	4	8	20	29	9.7			1.3	6	33.32819	35.37854	Lebanon	EQ
2021	4	9	15	12	48.5			1.7	4	32.829	35.604	Hula-Kinneret	EQ
2021	4	9	17	39	48.3			3.9	8	36.134	27.831	E.Mediter.Sea	EQ
2021	4	10	1	12	49.4			1.9	6	30.4697	35.3611	Arava	EQ

2021	4	10	5	18	34.5			1.9	20	32.87485	35.00902	Carmel-Tirza	EQ
2021	4	10	14	56	28.7			2.9	25	34.43	32.136	E.Mediter.Sea	EQ
2021	4	11	1	39	25			2.7	10	34.76968	32.84112	Cyprus	EQ
2021	4	11	1	55	40.9			2.9	3	29.21057	34.83742	Eilat-Deep	EQ
2021	4	11	6	9	0.8			2	1	31.641	35.651	Dead-Sea-Basin	EQ
2021	4	12	16	52	24.8			1.8	1	31.27742	33.8354	Sinai	EQ
2021	4	13	8	1	17.5			2.8	7	29.11	31.48	Egypt	EQ
2021	4	13	19	54	43.2			1.5	21	32.95341	35.62806	Hula-Kinneret	EQ
2021	4	13	20	28	2.8			5	10	36.45	27.17	E.Mediter.Sea	EQ
2021	4	14	0	11	13.4			3.9	20	35.95969	27.23112	E.Mediter.Sea	EQ
2021	4	14	0	44	11.4			1.7	7	32.48932	34.78471	E.Mediter.Sea	EQ
2021	4	14	3	59	5.7			2.3	90	33.04	33.28	E.Mediter.Sea	EQ
2021	4	14	13	24	14.6			3.3	14	36.034	27.333	E.Mediter.Sea	EQ
2021	4	14	17	14	31.8			1.5	0	31.02623	35.42104	Dead-Sea-Basin	EQ
2021	4	14	17	36	8.6			1.9	5	31.77566	35.48938	Dead-Sea-Basin	EQ
2021	4	15	11	52	53.1			4	2	33.49	26.429	E.Mediter.Sea	EQ
2021	4	15	21	21	0.2			1.6	1	31.75	35.56	Dead-Sea-Basin	EQ
2021	4	16	5	14	40.2			1.8	25	31.35432	35.40269	Dead-Sea-Basin	EQ
2021	4	16	9	41	57.5			2.3	8	32.68744	33.89021	E.Mediter.Sea	EQ
2021	4	16	19	26	16.7			3.9	20	36.891	33.473	Turkey	EQ
2021	4	16	20	35	43.7			1.5	6	32.4423	35.2442	Carmel-Tirza	EQ
2021	4	16	20	55	46.5			3.6	14	34.711	26.127	E.Mediter.Sea	EQ
2021	4	17	7	39	58.9			1.4	20	31.22393	35.57818	Dead-Sea-Basin	EQ
2021	4	17	9	56	36			1.3	12	33.09633	35.74229	Hula-Kinneret	EQ
2021	4	17	9	57	48.2			1.1	16	33.11061	35.77366	Hula-Kinneret	EQ
2021	4	17	11	59	20.7			4.4	5	31.2999	21.253		EQ
2021	4	17	16	48	50.7			1.8	1	33.601	36.234	Palmira	EQ
2021	4	17	17	8	0.7			4.8	10	36.303	27.245	E.Mediter.Sea	EQ
2021	4	17	20	57	12.3			4.3	15	36.342	27.24	E.Mediter.Sea	EQ
2021	4	18	0	10	24.1	2.2		2.1	5	31.15203	35.48141	Dead-Sea-Basin	EQ
2021	4	18	6	41	52.3			5.8	30	29.971	50.471		EQ
2021	4	18	8	51	31.4			4.4	10	29.8	50.54		EQ
2021	4	18	16	25	40.8			2.4	12	34.698	33.9	E.Mediter.Sea	EQ
2021	4	18	16	26	24.9			4.3	16	36.371	27.128	E.Mediter.Sea	EQ
2021	4	18	19	19	36.4			3.8	10	36.243	27.161	E.Mediter.Sea	EQ
2021	4	19	2	47	40.2			1.3	45	33.31803	35.34726	Lebanon	EQ
2021	4	19	2	49	6.6			4.2	65	29.889	49.987		EQ
2021	4	19	18	24	20.2			2	12	34.69069	33.50912	E.Mediter.Sea	EQ
2021	4	19	23	11	37.2			1.3	10	33.2141	35.59177	Hula-Kinneret	EQ
2021	4	20	5	9	58			4.5	12	35.997	27.462	E.Mediter.Sea	EQ
2021	4	20	5	10	2.3			4.5	150	35.939	27.48	E.Mediter.Sea	EQ

2021	4	21	5	46	41.3			3.3	15	36.33	27.3	E.Mediter.Sea	EQ
2021	4	21	22	39	31.9			3.3	20	34.469	25.822	E.Mediter.Sea	EQ
2021	4	22	0	6	18.8			4	35	35.94	27.16	E.Mediter.Sea	EQ
2021	4	22	0	32	14.4			2	31	33.02987	34.1986	E.Mediter.Sea	EQ
2021	4	22	1	28	39			1.7	11	31.82549	35.57561	Jordan-Valley	EQ
2021	4	22	15	59	8.3			3.6	30	35.991	27.273	E.Mediter.Sea	EQ
2021	4	22	19	5	4.9			1.3	26	32.96538	35.60748	Hula-Kinneret	EQ
2021	4	22	19	50	3.2			4.1	35	36.021	27.26	E.Mediter.Sea	EQ
2021	4	23	15	4	29			3.3	55	35.162	27.712	E.Mediter.Sea	EQ
2021	4	24	2	46	57.5			2	8	34.5812	35.4863	E.Mediter.Sea	EQ
2021	4	24	3	5	41.2			3.2	1	36.61616	31.10443	E.Mediter.Sea	EQ
2021	4	24	9	5	42.8			3.7	12	36.1367	27.1748	E.Mediter.Sea	EQ
2021	4	24	9	52	11.6			1.7	1	30.7519	35.3536	Arava	EQ
2021	4	24	13	47	14.7			3	4	33.6797	36.3711	Palmira	EQ
2021	4	26	0	10	45.4			3.8	20	35.32	27.52	E.Mediter.Sea	EQ
2021	4	26	10	9	56.2			4.8	10	34.48	46.03		EQ
2021	4	26	11	6	23.4			2	12	29.39326	35.08401	Jordan	EQ
2021	4	26	19	21	1.3			4.1	5	37.8	26.99		EQ
2021	4	26	19	57	38.1			1	22	32.62418	35.15191	Carmel-Tirza	EQ
2021	4	26	19	58	33.6			4.1	18	36.45	27.1611	E.Mediter.Sea	EQ
2021	4	26	23	35	13.4			2.4	28	34.19725	32.90212	E.Mediter.Sea	EQ
2021	4	27	11	50	41.8			1.1	13	29.90389	35.0188	Arava	EQ
2021	4	28	1	54	56.7			2.6	4	32.2234	35.4165	E.Shomron	EQ
2021	4	28	5	30	21.5			1.8	2	32.79768	35.35112	Galilee	EQ
2021	4	28	14	45	57.2			1.9	18	32.9701	34.95317	Carmel-Tirza	EQ
2021	4	28	22	2	46.8			1.7	11	31.80001	34.76315	Sharon	EQ
2021	4	29	3	50	3.4			1.3	12	30.3821	35.3183	Arava	EQ
2021	4	29	6	54	27.6			1.7	20	32.338	35.6297	Jordan-Valley	EQ
2021	4	29	21	46	8.9			3.5	8	34.4136	26.0359	E.Mediter.Sea	EQ
2021	4	30	7	52	21.9			3.5	75	36.62841	31.5218	E.Mediter.Sea	EQ
2021	4	30	19	47	29.7			3	1	32.8888	32.4108	E.Mediter.Sea	EQ
2021	4	30	22	41	50.8			1.6	11	31.56235	35.49736	Dead-Sea-Basin	EQ
2021	5	1	4	25	49.7			1.3	20	33.31068	35.44012	Lebanon	EQ
2021	5	1	6	38	47.8			2.7	20	34.731	34.232	E.Mediter.Sea	EQ
2021	5	1	14	15	9.7			3.5	100	36.204	27.117	E.Mediter.Sea	EQ
2021	5	1	16	31	25.1			1.5	16	31.50299	35.46307	Dead-Sea-Basin	EQ
2021	5	2	1	34	6.7			3.5	20	34.5408	24.8812	E.Mediter.Sea	EQ
2021	5	2	2	52	0.2			2.2	1	32.2297	35.4101	E.Shomron	EQ
2021	5	2	11	22	0.3			3.6	8	37.55	30.05	Turkey	EQ
2021	5	2	12	22	33.4			2.5	10	34.2779	33.4871	E.Mediter.Sea	EQ
2021	5	2	14	39	6.5			2.4	1	33.548	32.176	E.Mediter.Sea	EQ

2021	5	2	19	10	54.3			2.1	16	30.61647	35.35368	Arava	EQ
2021	5	3	1	13	52.9			2.7	50	37.18	31.68	Turkey	EQ
2021	5	3	1	45	0.2			2.1	7	33.7796	35.8511	Yamune	EQ
2021	5	3	12	57	35			2	2	33.49534	35.77079	Yamune	EQ
2021	5	3	20	18	20			1.5	5	32.23435	35.36826	E.Shomron	EQ
2021	5	4	15	2	6.2			4.3	1	33.78	26.129	E.Mediter.Sea	EQ
2021	5	4	15	10	19.2			3.5	10	34.11	25.63	E.Mediter.Sea	EQ
2021	5	4	22	23	7.8			2.7	5	27.86968	34.29112	Arnona-Dakar-Deep	EQ
2021	5	5	5	48	1.5			3.5	6	34.13	26.44	E.Mediter.Sea	EQ
2021	5	5	23	40	40.1			4.3	65	35.868	27.969	E.Mediter.Sea	EQ
2021	5	6	2	30	52.9			2.2	0	34.591	35.711	E.Mediter.Sea	EQ
2021	5	6	3	47	25.9			2.4	16	34.9199	33.909	Cyprus	EQ
2021	5	6	5	59	23.2			2.1	0	32.86724	35.39121	Galilee	EQ
2021	5	6	14	34	3.2			3.4	20	34.0419	26.192	E.Mediter.Sea	EQ
2021	5	7	3	7	59.7			4.5	15	37.6	19.71		EQ
2021	5	7	4	59	47.5			2.3	10	34.1979	36.65072	Palmira	EQ
2021	5	8	0	31	26.8			1.1	12	32.91706	34.98924	Carmel-Tirza	EQ
2021	5	8	2	28	28.6			1.4	13	30.85098	35.35509	Arava	EQ
2021	5	8	2	37	57.6			2	17	30.85655	35.37256	Arava	EQ
2021	5	8	11	41	38.6			4.3	17	31.78968	25.46112	E.Mediter.Sea	EQ
2021	5	8	14	22	1.1			3.3	14	35.82	28.31	E.Mediter.Sea	EQ
2021	5	8	14	23	19.3			3.4	20	35.73	28.35	E.Mediter.Sea	EQ
2021	5	8	19	37	23.3			3.6	10	37.65	27.078		EQ
2021	5	9	17	17	4.1			3.5	100	37.15	31.16	Turkey	EQ
2021	5	9	21	44	28.2			3.8	45	36.662	28.242	E.Mediter.Sea	EQ
2021	5	10	0	55	58.4			3.1	8	26.7034	33.7565	Egypt	EQ
2021	5	10	3	30	30.6			1.2	10	33.19379	35.45935	Hula-Kinneret	EQ
2021	5	10	22	12	19.1			1	5	32.23433	35.44009	E.Shomron	EQ
2021	5	11	2	35	31.1			2.5	1	32.22996	35.40994	E.Shomron	EQ
2021	5	11	8	32	19.7			2	8	32.8609	34.9301	Carmel-Tirza	EQ
2021	5	11	12	50	45.1			3.1	12	30.85896	35.44606	Dead-Sea-Basin	EQ
2021	5	12	0	2	30.4			1.8	1	31.911	34.6371	E.Mediter.Sea	EQ
2021	5	12	0	13	32.7			0.7	20	32.94921	35.61692	Hula-Kinneret	EQ
2021	5	12	2	33	3.8			2.1	2	28.6334	34.7565	Arnona-Dakar-Deep	EQ
2021	5	12	5	33	44.8			1.7	4	33.37811	35.66805	Roum	EQ
2021	5	12	16	30	35.2			4.6	10	29.74	50.69		EQ
2021	5	14	4	16	11.6			1.1	16	31.49662	35.44664	Dead-Sea-Basin	EQ
2021	5	14	4	46	48.8			1.2	20	32.98384	35.68919	Hula-Kinneret	EQ
2021	5	14	7	57	32.7			1.8	0	33.18512	35.74637	Hula-Kinneret	EQ
2021	5	14	21	44	41			0.6	15	31.43638	35.30974	Judea-Samaria	EQ
2021	5	14	21	49	4.6			3.1	20	36.141	29.379	Turkey	EQ

2021	5	15	8	14	33.1			1.9	4	32.72838	35.48725	Hula-Kinneret	EQ
2021	5	16	0	16	32.6			4	4	34.389	25.463	E.Mediter.Sea	EQ
2021	5	16	17	36	6.8			2.9	50	34.69	29.47	E.Mediter.Sea	EQ
2021	5	16	22	33	42.8			1.3	1	33.22001	35.4251	Lebanon	EQ
2021	5	17	15	28	45.3			2	17	32.78115	35.63685	Hula-Kinneret	EQ
2021	5	17	22	45	22.7			1.4	15	32.05057	34.72277	E.Mediter.Sea	EQ
2021	5	18	21	18	35.2			1.8	35	32.9129	32.12634	E.Mediter.Sea	EQ
2021	5	18	21	55	7.2			2.3	1	32.811	32.411	E.Mediter.Sea	EQ
2021	5	18	22	38	27.8			2.3	2	32.87	32.34	E.Mediter.Sea	EQ
2021	5	19	1	50	30			2.4	25	32.85172	32.24548	E.Mediter.Sea	EQ
2021	5	19	11	14	57.3			4.5	3	37.919	27.174		EQ
2021	5	19	21	9	13.9			3	9	32.79915	34.55437	E.Mediter.Sea	EQ
2021	5	20	1	1	25.8			3.9	10	37.508	29.308	Turkey	EQ
2021	5	20	2	22	15.3			2.5	45	35.048	33.038	Cyprus	EQ
2021	5	20	14	14	48.3			1.6	6	31.59785	35.23721	Judea-Samaria	EQ
2021	5	21	9	1	39.6			2.9	10	29.1779	31.6991	Egypt	EQ
2021	5	21	11	52	16.2			5.2	10	29.77	50.514		EQ
2021	5	21	12	5	43.9			1.9	2	33.79969	35.94912	Yamune	EQ
2021	5	21	22	23	33.2			4.2	12	36.09	27.389	E.Mediter.Sea	EQ
2021	5	22	22	51	12.7			3.9	20	34.16	25.8	E.Mediter.Sea	EQ
2021	5	24	23	33	53.3			1.3	0	31.42352	35.42478	Dead-Sea-Basin	EQ
2021	5	25	2	28	53.4			2.3	7	33.97968	36.25112	Palmira	EQ
2021	5	25	13	19	29.5			2	3	32.8817	35.5711	Hula-Kinneret	EQ
2021	5	25	16	26	15.7			1.9	19	29.95346	34.25535	Sinai	EQ
2021	5	25	21	37	57.7			4.3	5	40.03	40.12	Turkey	EQ
2021	5	25	22	58	30.6			1.9	1	32.84176	35.5784	Hula-Kinneret	EQ
2021	5	26	1	8	15.1			2	3	34.0045	37.1715	Palmira	EQ
2021	5	26	5	53	56.3			2.1	20	30.50275	33.35469	Sinai	EQ
2021	5	26	19	10	25.4			3.1	25	34.42968	28.79112	E.Mediter.Sea	EQ
2021	5	27	14	59	49.2			2.6	8	35.016	32.459	Cyprus	EQ
2021	5	27	15	2	13.4			1.8	0	32.89867	35.62855	Hula-Kinneret	EQ
2021	5	27	15	41	17.9			3	8	34.55	29.012	E.Mediter.Sea	EQ
2021	5	27	17	40	23.6			1.7	29	32.95188	35.59747	Hula-Kinneret	EQ
2021	5	27	23	53	11.8			1.4	2	32.4209	35.10493	Judea-Samaria	EQ
2021	5	28	7	35	49.2			3.1	8	32.51231	28.22079	E.Mediter.Sea	EQ
2021	5	28	18	25	24.8			2.3	1	35.025	35.077	E.Mediter.Sea	EQ
2021	5	28	20	35	57.1			5.3	10	30.019	50.02		EQ
2021	5	28	22	32	49.1			1.2	10	32.79101	35.22013	Galilee	EQ
2021	5	29	2	13	3.5			3.7	15	29.709	49.761		EQ
2021	5	29	10	12	17.3			3	75	35.859	31.069	E.Mediter.Sea	EQ
2021	5	30	1	19	58.7			1.2	1	32.833	35.581	Hula-Kinneret	EQ

2021	5	30	15	5	51.3			2.7	60	36.0372	32.1547	E.Mediter.Sea	EQ
2021	5	30	20	33	55.6			1.9	21	33.17983	35.59484	Hula-Kinneret	EQ
2021	5	30	23	44	25.7			1.4	13	33.20142	35.60888	Hula-Kinneret	EQ
2021	5	31	6	23	39.3			4	40	35.1096	32.812	Cyprus	EQ
2021	5	31	16	34	17.6			1.7	9	33.57857	34.89757	E.Mediter.Sea	EQ
2021	6	1	15	56	13.8			4.7	11	39.81	22.06		EQ
2021	6	1	16	24	9			1.5	19	30.44694	35.29096	Arava	EQ
2021	6	2	2	17	27.5			1.5	1	31.042	35.369	Dead-Sea-Basin	EQ
2021	6	2	6	14	29.8			4.1	6	37.5811	36.2132	Turkey	EQ
2021	6	2	20	26	29.5			1.4	13	30.45682	35.34303	Arava	EQ
2021	6	2	23	4	31.3			1.4	16	32.41382	35.4161	E.Shomron	EQ
2021	6	3	0	4	19.2			2	3	33.38605	34.65267	Carmel-Tirza	EQ
2021	6	3	0	6	50.7			3.1	20	32.77969	28.05112	E.Mediter.Sea	EQ
2021	6	3	4	26	46.4			3.8	8	37.262	35.032	Turkey	EQ
2021	6	3	10	45	33.6			2	14	30.44773	35.3274	Arava	EQ
2021	6	3	15	6	20.1			4.7	3	36.591	22.27		EQ
2021	6	4	0	37	20.9			1.9	45	35.15968	33.94112	Cyprus	EQ
2021	6	4	1	5	28.4			4.6	10	34.87	25.488	E.Mediter.Sea	EQ
2021	6	4	3	14	28.1			1.7	4	32.03686	35.47409	E.Shomron	EQ
2021	6	4	13	36	6.5			2.6	5	35.349	36.961	Syria	EQ
2021	6	4	20	23	13			4.1	20	35.927	27.272	E.Mediter.Sea	EQ
2021	6	4	23	45	58.7			2.7	25	35.30968	30.66112	E.Mediter.Sea	EQ
2021	6	5	3	18	52			2.7	100	34.298	29.848	E.Mediter.Sea	EQ
2021	6	5	11	23	4.2			1.4	21	32.84211	35.63779	Hula-Kinneret	EQ
2021	6	5	21	22	40.3			1.9	9	35.30467	34.60752	E.Mediter.Sea	EQ
2021	6	6	4	22	14.8			1.5	18	31.40993	35.50109	Dead-Sea-Basin	EQ
2021	6	6	8	32	46.5			2.1	1	33.4069	35.4651	Lebanon	EQ
2021	6	6	13	51	21.1			3.3	12	35.2078	27.9722	E.Mediter.Sea	EQ
2021	6	6	20	48	14.8			1.6	11	29.26148	34.65987	Eilat-Deep	EQ
2021	6	6	20	49	44.7			1.1	4	29.25965	34.67685	Eilat-Deep	EQ
2021	6	6	20	57	35.1			1.8	10	29.22826	34.72525	Eilat-Deep	EQ
2021	6	7	11	30	36.7			2.3	10	29.25405	34.63048	Eilat-Deep	EQ
2021	6	7	20	27	54.3			2.6	12	34.71	33.42	E.Mediter.Sea	EQ
2021	6	7	21	1	22.3			2.8	10	29.23253	34.66249	Eilat-Deep	EQ
2021	6	7	21	22	26.5			1.4	14	29.2097	34.6811	Eilat-Deep	EQ
2021	6	7	21	30	49.4			1.9	8	29.2834	34.6465	Eilat-Deep	EQ
2021	6	7	23	9	1			1.6	20	29.1597	34.9411	Eilat-Deep	EQ
2021	6	7	23	10	53.1			1.7	10	29.23622	34.68304	Eilat-Deep	EQ
2021	6	7	23	19	15			1.5	10	29.21734	34.69856	Eilat-Deep	EQ
2021	6	8	9	32	31.6			1.9	10	29.25499	34.63974	Eilat-Deep	EQ
2021	6	9	1	25	13			1.6	17	29.56601	34.80065	Arava	EQ

2021	6	9	1	29	56.7			1.5	10	29.56492	34.74349	Arava	EQ
2021	6	9	2	36	26.5			4.3	14	35.0798	25.2851	Crete	EQ
2021	6	9	12	44	26			2.2	3	28.25949	34.66784	Arnona-Dakar-Deep	EQ
2021	6	9	23	23	36.2			1.3	3	29.28018	34.60214	Sinai	EQ
2021	6	10	6	0	36			1	11	33.57399	35.80189	Yamune	EQ
2021	6	10	22	30	25.8			0.8	13	29.90751	35.12378	Arava	EQ
2021	6	11	1	32	17.8			3	5	36.978	31.072	Turkey	EQ
2021	6	11	18	59	29.3			2	16	32.09436	35.52553	E.Shomron	EQ
2021	6	11	19	22	9.2			2.5	11	33.11406	35.57955	Hula-Kinneret	EQ
2021	6	11	21	43	15.5			1.6	20	32.53746	34.51687	E.Mediter.Sea	EQ
2021	6	12	2	32	40.1			2.5	5	32.07001	35.5265	E.Shomron	EQ
2021	6	12	2	37	53.2			1.8	5	32.0758	35.5873	Jordan-Valley	EQ
2021	6	12	11	16	36.6			1.6	3	32.4568	35.284	Carmel-Tirza	EQ
2021	6	12	19	52	20.9			1.6	10	33.279	35.769	Yamune	EQ
2021	6	12	23	55	41.6			1.1	14	32.45725	35.29495	Carmel-Tirza	EQ
2021	6	14	16	31	49			1.8	4	32.88925	35.58736	Hula-Kinneret	EQ
2021	6	14	18	43	45.5			1.7	6	33.599	34.908	E.Mediter.Sea	EQ
2021	6	15	15	14	54			1.9	9	30.44781	35.32948	Arava	EQ
2021	6	15	23	8	54.4			4.1	21	30.09941	35.17768	Arava	FELT
2021	6	17	0	15	25.3			1.7	15	33.20507	35.5971	Hula-Kinneret	EQ
2021	6	17	0	35	16.2			4.5	80	35.1228	25.2682	Crete	EQ
2021	6	17	6	2	11.4			2.1	2	33.65863	35.60733	Roum	EQ
2021	6	17	6	20	20.8			2.4	4	33.69737	35.55618	Roum	EQ
2021	6	17	12	5	35.5			2	18	32.92707	35.17568	Galilee	EQ
2021	6	17	16	54	56			2.2	16	30.87334	35.36328	Arava	EQ
2021	6	17	16	58	4.7			2.6	16	30.8698	35.34	Arava	EQ
2021	6	17	17	37	33.6			1.4	7	32.69281	35.18045	Carmel-Tirza	EQ
2021	6	17	21	56	34.9			3	2	27.2875	34.7769	Red-Sea	EQ
2021	6	18	9	38	19.1			3.2	90	36.885	30.849	Turkey	EQ
2021	6	18	9	43	33.6			1.8	8	33.403	35.387	Lebanon	EQ
2021	6	18	16	51	29.5			4.1	55	35.403	28.453	E.Mediter.Sea	EQ
2021	6	19	10	33	32.1			3.4	1	27.42	34.531	Red-Sea	EQ
2021	6	19	10	54	34			2.5	14	31.22629	35.42425	Dead-Sea-Basin	EQ
2021	6	19	16	38	8			2.3	6	33.431	35.63	Roum	EQ
2021	6	20	11	11	4.6			2	12	32.795	35.596	Hula-Kinneret	EQ
2021	6	20	16	51	24.8			1.5	18	30.83386	35.34148	Arava	EQ
2021	6	21	0	59	19.1			1.1	4	32.82994	35.63559	Hula-Kinneret	EQ
2021	6	21	4	26	27.9			1.9	31	32.23254	33.91193	E.Mediter.Sea	EQ
2021	6	21	7	13	27.1			3.6	15	36.39	27.12	E.Mediter.Sea	EQ
2021	6	21	22	14	12.1			5.3	11	36.38	27.1	E.Mediter.Sea	EQ
2021	6	21	23	47	24.6			3.8	16	36.37	27.08	E.Mediter.Sea	EQ

2021	6	22	22	21	0.7			1.6	14	34.0407	35.9391	Yamune	EQ
2021	6	23	0	53	2			1.9	3	32.69281	35.22023	Carmel-Tirza	EQ
2021	6	23	3	50	28.9			1.2	3	32.10544	35.39843	E.Shomron	EQ
2021	6	23	14	34	2.9			2.7	30	29.31	31.428	Egypt	EQ
2021	6	23	14	46	15.9			1.4	10	30.43251	35.29823	Arava	EQ
2021	6	23	15	35	16.1			1.5	13	33.91697	35.71452	Roum	EQ
2021	6	25	3	19	13.2			1.8	3	28.70968	34.76112	Aragonese-Deep	EQ
2021	6	25	5	32	14.6			3.5	30	35.242	30.39	E.Mediterr.Sea	EQ
2021	6	25	6	31	37.5			1.8	16	32.82596	35.58378	Hula-Kinneret	EQ
2021	6	25	9	21	10.4			4.1	15	36.401	27.399	E.Mediterr.Sea	EQ
2021	6	25	14	31	36.1			2.9	8	35.33	31.34	E.Mediterr.Sea	EQ
2021	6	25	18	27	55.5			5.4	10	42.02	42.84		EQ
2021	6	26	7	23	35			3.2	40	34.56	26.7	E.Mediterr.Sea	EQ
2021	6	27	14	4	57.5			2.3	8	31.1097	37.5811	W.Sirhan	EQ
2021	6	28	14	42	4.3			1.7	10	31.50079	35.55612	Dead-Sea-Basin	EQ
2021	6	28	15	38	50.8			1.6	11	31.4999	35.5519	Dead-Sea-Basin	EQ
2021	6	28	17	13	57.8			1.4	8	31.49904	35.56874	Dead-Sea-Basin	EQ
2021	6	28	19	24	49.5			1.6	12	31.49154	35.5405	Dead-Sea-Basin	EQ
2021	6	28	23	12	31.1			2.5	14	31.50304	35.29402	Judea-Samaria	EQ
2021	6	29	5	48	16.5			3.3	20	29.14968	32.67112	Suez	EQ
2021	6	30	0	52	5.7			3.2	35	35.041	31.352	E.Mediterr.Sea	EQ
2021	6	30	6	11	19.4			3	20	29.75207	31.05973	Egypt	EQ
2021	6	30	10	14	23.2			1.5	11	31.54194	35.21297	Judea-Samaria	EQ
2021	6	30	11	13	17.1			1.6	14	31.50812	35.54562	Dead-Sea-Basin	EQ
2021	6	30	11	41	33.9			3.7	20	35.9319	27.1901	E.Mediterr.Sea	EQ
2021	6	30	18	51	38.4			1.3	1	32.03063	35.28373	Judea-Samaria	EQ
2021	7	1	13	14	11.1			1.7	10	33.5891	35.43713	Lebanon	EQ
2021	7	2	12	33	2.9			1.4	0	32.32722	35.37883	E.Shomron	EQ
2021	7	2	13	28	7.3			1.8	12	32.97827	35.63428	Hula-Kinneret	EQ
2021	7	2	19	46	8.7			4.2	1	34.891	25.501	E.Mediterr.Sea	EQ
2021	7	3	6	7	38.8			1.3	8	31.51267	35.56206	Dead-Sea-Basin	EQ
2021	7	4	13	59	14.1			2.7	10	32.44229	35.13192	Judea-Samaria	EQ
2021	7	4	17	30	12.4			3.8	30	33.473	28.83	E.Mediterr.Sea	EQ
2021	7	4	22	48	54.8			1.3	14	33.09186	35.66579	Hula-Kinneret	EQ
2021	7	5	3	14	54.3			1	21	33.15827	35.59753	Hula-Kinneret	EQ
2021	7	5	8	0	19.5			1.4	18	32.30569	35.35639	E.Shomron	EQ
2021	7	5	12	5	26.2			1.3	12	29.47988	34.68005	Eilat-Deep	EQ
2021	7	5	12	43	12.3			1.9	14	30.4382	35.3042	Arava	EQ
2021	7	5	15	46	43.3			1.6	1	31.2917	35.43863	Dead-Sea-Basin	EQ
2021	7	5	17	46	37.5			1.5	1	33.456	35.991	Yamune	EQ
2021	7	6	11	44	34.6			5	10	27.63	53.29		EQ

2021	7	6	13	18	41.4			3.6	8	36.055	26.989	E.Mediter.Sea	EQ
2021	7	6	15	40	46.1			0.6	4	32.85341	35.5715	Hula-Kinneret	EQ
2021	7	6	17	47	1			1.6	4	33.75817	35.36311	E.Mediter.Sea	EQ
2021	7	7	21	47	50.6			2.3	20	31.37389	35.48417	Dead-Sea-Basin	EQ
2021	7	8	13	28	50.6			2.5	6	27.451	34.091	Red-Sea	EQ
2021	7	9	3	10	23.9			3	1	34.101	36.554	Palmira	EQ
2021	7	9	18	1	21.8			3.7	20	35.848	27.002	E.Mediter.Sea	EQ
2021	7	10	13	22	48			2.9	75	30.709	31.451	Egypt	EQ
2021	7	10	16	13	23			1.5	6	32.0982	35.4228	E.Shomron	EQ
2021	7	11	19	10	57.6			1.1	18	32.42736	35.40763	E.Shomron	EQ
2021	7	12	11	28	37.7			1.7	0	31.02667	35.29029	Dead-Sea-Basin	EQ
2021	7	12	12	55	32.6			2.5	8	28.381	31.951	Egypt	EQ
2021	7	12	15	3	8.5			1.6	18	31.7686	35.585	Dead-Sea-Basin	EQ
2021	7	13	10	17	16.3			3	14	35.94	29.75	E.Mediter.Sea	EQ
2021	7	13	11	11	52.3			5	30	29.836	51.161		EQ
2021	7	15	0	40	21.4			2	22	29.94027	35.15731	Arava	EQ
2021	7	15	19	25	15.6			3.5	10	33.885	26.112	E.Mediter.Sea	EQ
2021	7	16	1	55	58.7			1.1	19	31.30096	35.41988	Dead-Sea-Basin	EQ
2021	7	16	6	34	5.2			1.2	9	30.54519	35.36504	Arava	EQ
2021	7	17	10	14	44.5	2.2		2.3	19	31.86347	35.53635	Jordan-Valley	EQ
2021	7	17	18	46	3.9			1.4	17	32.08843	35.37467	E.Shomron	EQ
2021	7	18	0	33	18.6			2.3	1	34.284	36.548	Palmira	EQ
2021	7	18	11	58	4.2			1.8	10	34.04055	36.36716	Palmira	EQ
2021	7	18	22	9	22.3			4.2	10	34.72	39.75	Syria2	EQ
2021	7	19	5	51	7.1			1	4	31.5134	35.5565	Dead-Sea-Basin	EQ
2021	7	19	5	53	47.3			1.4	12	31.51895	35.54145	Dead-Sea-Basin	EQ
2021	7	19	7	26	52.9			0.9	2	29.52925	34.92706	Arava	EQ
2021	7	19	13	13	3.8			3.8	11	37.69	28.109	Turkey	EQ
2021	7	19	17	1	26.5			2.8	30	35.12	29.8	E.Mediter.Sea	EQ
2021	7	19	21	4	13.6			2.9	20	36.06	30.991	E.Mediter.Sea	EQ
2021	7	20	7	21	14.7			4	25	34.443	45.729		EQ
2021	7	20	13	40	20.8			1.4	12	31.51175	35.53826	Dead-Sea-Basin	EQ
2021	7	20	13	48	0.3			1.5	14	31.51985	35.54145	Dead-Sea-Basin	EQ
2021	7	20	16	16	2.9			1.7	10	31.5169	35.5001	Dead-Sea-Basin	EQ
2021	7	20	16	20	46.2			1.6	10	31.5208	35.5321	Dead-Sea-Basin	EQ
2021	7	20	16	23	28.5			2.8	10	31.835	30.665	E.Mediter.Sea	EQ
2021	7	20	17	44	17.7			4.3	8	34.709	25.417	E.Mediter.Sea	EQ
2021	7	20	20	11	32.8			1.2	19	32.45628	35.36515	E.Shomron	EQ
2021	7	20	20	47	31			1.5	18	29.75575	34.95745	Arava	EQ
2021	7	21	0	4	36.3			1.7	12	32.827	35.594	Hula-Kinneret	EQ
2021	7	21	0	52	28.3			1.1	16	31.51093	35.50142	Dead-Sea-Basin	EQ

2021	7	21	0	53	55.3			2.8	12	28.062	33.443	Suez	EQ
2021	7	22	14	16	27			4.6	2	36.1	27.25	E.Mediter.Sea	EQ
2021	7	22	14	35	55.4			3.2	55	36.691	28.339		EQ
2021	7	23	21	51	36.8			2	1	33.725	35.472	Lebanon	EQ
2021	7	24	0	44	59			2.6	20	36.77	31.22	Turkey	EQ
2021	7	24	2	7	35.5			5	10	35.13	25.23	Crete	EQ
2021	7	24	5	20	37.7			1.7	14	31.51885	35.54566	Dead-Sea-Basin	EQ
2021	7	24	13	40	6.1	2.3		2.4	4	32.07299	35.38989	E.Shomron	EQ
2021	7	25	3	3	6.9			1.3	3	32.38048	35.40115	E.Shomron	EQ
2021	7	25	4	14	58.9			2.9	31	28.42794	32.99502	Suez	EQ
2021	7	25	6	27	6.1			3.7	17	34.6	23.6		EQ
2021	7	25	9	13	24.6			3	25	35.13369	32.71911	Cyprus	EQ
2021	7	25	20	55	6.4			4.1	7	37.21	36.44	Turkey	EQ
2021	7	27	8	24	27.4			3.6	20	27.29769	32.86012	Egypt	EQ
2021	7	28	4	34	43.8			2.1	17	32.02479	35.5761	Jordan-Valley	EQ
2021	7	28	11	30	5.3			1.5	9	32.34691	35.76862	Jordan-Valley	EQ
2021	7	29	5	18	42.4			3.3	14	34.56	25.44	E.Mediter.Sea	EQ
2021	7	29	7	5	24.7			1.5	3	33.02026	35.61511	Hula-Kinneret	EQ
2021	7	29	17	0	38.1			1.7	7	32.24708	35.419	E.Shomron	EQ
2021	7	30	13	59	55.7			2.4	30	34.229	34.675	E.Mediter.Sea	EQ
2021	7	30	18	19	19.1			2.1	10	32.174	35.473	E.Shomron	EQ
2021	7	31	4	19	20			1.5	18	31.57757	35.50689	Dead-Sea-Basin	EQ
2021	7	31	15	56	43			2.1	1	31.7481	35.5619	Dead-Sea-Basin	EQ
2021	7	31	18	54	46.6			4	8	34.401	26.789	E.Mediter.Sea	EQ
2021	7	31	19	57	53.6			4.7	20	36.341	27.061	E.Mediter.Sea	EQ
2021	7	31	20	26	47.5			3.3	2	36.35	27.14	E.Mediter.Sea	EQ
2021	7	31	23	25	42.6			4.2	20	36.149	27.08	E.Mediter.Sea	EQ
2021	7	31	23	44	10.9			2.3	2	29.04	34.76	Aragonese-Deep	EQ
2021	8	1	4	31	26.8			5.5	8	36.181	27.189	E.Mediter.Sea	EQ
2021	8	1	5	12	40.6			4.3	20	35.94069	27.34212	E.Mediter.Sea	EQ
2021	8	1	8	37	35.2			4.3	10	35.80154	27.24894	E.Mediter.Sea	EQ
2021	8	1	8	52	43.3			3.6	20	35.84796	27.10015	E.Mediter.Sea	EQ
2021	8	1	9	14	33.2			4.4	10	35.77457	27.39984	E.Mediter.Sea	EQ
2021	8	1	20	37	28.6			3.8	6	35.73695	27.25177	E.Mediter.Sea	EQ
2021	8	1	21	38	27.5			3.7	16	35.9496	27.2411	E.Mediter.Sea	EQ
2021	8	1	23	57	44.5			1.2	20	32.85463	35.63998	Hula-Kinneret	EQ
2021	8	2	5	19	30.6			1.3	6	29.93988	34.96487	Arava	EQ
2021	8	3	12	38	18.6			4.8	10	36.142	27.178	E.Mediter.Sea	EQ
2021	8	3	19	53	14.3			4.6	20	36.208	27.037	E.Mediter.Sea	EQ
2021	8	3	23	49	27.2			4.3	8	35.949	27.082	E.Mediter.Sea	EQ
2021	8	4	19	39	16.6			1.5	17	30.79147	35.33933	Arava	EQ

2021	8	5	8	3	59.1			3.4	20	35.86	27.18	E.Mediter.Sea	EQ
2021	8	5	8	19	48.8			2.6	14	28.732	31.938	Egypt	EQ
2021	8	5	20	38	13.7			1.7	18	32.20465	35.44319	E.Shomron	EQ
2021	8	5	20	40	13.5			2.1	9	33.69648	34.89251	E.Mediter.Sea	EQ
2021	8	6	2	12	38.9			3.4	8	35.33	29.75	E.Mediter.Sea	EQ
2021	8	6	5	59	14.4			3.5	11	36.03	27.04	E.Mediter.Sea	EQ
2021	8	6	8	22	53.6			3.6	7	35.86	27.25	E.Mediter.Sea	EQ
2021	8	6	9	16	52.3			4.3	8	35.769	27.271	E.Mediter.Sea	EQ
2021	8	6	10	52	44.4			4.3	100	35.9919	27.1381	E.Mediter.Sea	EQ
2021	8	6	19	57	11.5			4.2	100	35.991	27.209	E.Mediter.Sea	EQ
2021	8	6	20	42	3.6			4.2	20	35.966	27.283	E.Mediter.Sea	EQ
2021	8	6	23	0	27.9			1.7	0	32.841	35.09208	Carmel-Tirza	EQ
2021	8	7	1	39	43.8			4.8	7	36.202	27.131	E.Mediter.Sea	EQ
2021	8	7	21	13	5.9			2	15	32.12153	35.51567	E.Shomron	EQ
2021	8	8	9	13	13.8			3.8	18	35.6986	28.9422	E.Mediter.Sea	EQ
2021	8	8	20	43	1.8			1.6	8	33.03268	35.90012	W.Sirhan	EQ
2021	8	9	9	37	20			1.8	3	32.22	36.638	W.Sirhan	EQ
2021	8	9	13	17	52.7			1.2	13	29.54891	34.81382	Arava	EQ
2021	8	9	17	48	57			2.1	1	33.76	36.8	Palmira	EQ
2021	8	10	1	47	35.4			2	1	33.932	35.5681	Lebanon	EQ
2021	8	10	19	13	21.9			1.4	4	33.11955	35.79065	W.Sirhan	EQ
2021	8	10	19	23	20.5			1.4	19	32.94366	35.63005	Hula-Kinneret	EQ
2021	8	11	9	48	21.4			3.6	3	36.2823	31.0905	E.Mediter.Sea	EQ
2021	8	11	10	24	39.4			4.4	6	36.2609	27.1019	E.Mediter.Sea	EQ
2021	8	11	15	21	4.5			2.6	25	34.851	33.049	Cyprus	EQ
2021	8	12	18	29	2.2			3.6	10	35.14	27.38	E.Mediter.Sea	EQ
2021	8	13	22	32	45.9			1.7	20	32.966	35.621	Hula-Kinneret	EQ
2021	8	13	23	4	12.2			2.3	1	33.932	35.582	Lebanon	EQ
2021	8	14	9	28	40.7			3	30	29.7898	30.9582	Egypt	EQ
2021	8	14	10	12	41.1			2.2	9	33.53074	34.62968	E.Mediter.Sea	EQ
2021	8	14	18	26	16.9			2	1	33.7143	35.4468	Lebanon	EQ
2021	8	17	22	4	25			1.5	19	32.92299	35.58045	Hula-Kinneret	EQ
2021	8	18	6	26	18.1			1.6	10	32.8232	35.5129	Hula-Kinneret	EQ
2021	8	19	5	30	21.3			4.8	203	39.059	15.715		EQ
2021	8	19	11	6	17.4			4.3	8	36.092	27.292	E.Mediter.Sea	EQ
2021	8	19	11	26	35.1			4.6	8	36.06	27.32	E.Mediter.Sea	EQ
2021	8	19	21	49	16			2.2	80	34.6622	32.699	Cyprus	EQ
2021	8	20	15	28	29.6	2.6		2.6	9	33.60194	34.8684	E.Mediter.Sea	EQ
2021	8	21	0	48	8			3.9	14	34.218	26.086	E.Mediter.Sea	EQ
2021	8	21	22	48	52.6			2.2	5	34.07	34.72	E.Mediter.Sea	EQ
2021	8	22	4	5	10.3			1.3	9	31.69931	35.54526	Dead-Sea-Basin	EQ

2021	8	22	11	58	37.4			3.7	10	34.675	27.069	E.Mediter.Sea	EQ
2021	8	22	23	48	18			3.7	15	36.3489	28.8621	E.Mediter.Sea	EQ
2021	8	23	7	19	32.6			4.3	8	33.9645	26.3575	E.Mediter.Sea	EQ
2021	8	23	13	26	18.5			2.5	30	34.3247	32.0577	E.Mediter.Sea	EQ
2021	8	23	20	57	0.3			1.9	1	33.718	35.4695	Lebanon	EQ
2021	8	24	2	42	31.7			1.6	1	31.67714	35.00601	Judea-Samaria	EQ
2021	8	25	4	59	58.3			3.8	4	35.069	23.408		EQ
2021	8	25	5	53	40			3.3	1	34.84	35.93	Syria	EQ
2021	8	25	7	18	7.1			2.6	14	32.45105	36.47529	W.Sirhan	EQ
2021	8	25	14	30	48.6			2.1	2	33.85012	35.74762	Roum	EQ
2021	8	26	4	17	10.2			3.7	20	34.349	25.821	E.Mediter.Sea	EQ
2021	8	27	14	28	18.7			2.4	10	34.614	32.683	Cyprus	EQ
2021	8	27	22	24	46.2			3.4	2	35.067	27.278	E.Mediter.Sea	EQ
2021	8	29	21	7	49.4			4.3	8	36.5583	25.7735	E.Mediter.Sea	EQ
2021	8	30	21	26	20.5			2.9	25	35.17968	29.15112	E.Mediter.Sea	EQ
2021	8	31	8	59	57.8			2.7	2	30.239	31.891	Suez	EQ
2021	8	31	9	18	47.5			3.2	75	35.01	32.482	Cyprus	EQ
2021	8	31	10	53	25.3			2	20	31.142	35.589	Dead-Sea-Basin	EQ
2021	8	31	11	4	27			4.8	12	38.813	30.289	Turkey	EQ
2021	8	31	12	40	39.8			2.4	1	31.065	32.045	Egypt	EQ
2021	8	31	16	16	26.9			2.3	6	35.781	36.159	Syria	EQ
2021	8	31	19	53	30.9			1.3	9	32.44609	35.23762	Carmel-Tirza	EQ
2021	9	1	15	55	24.6			2	4	34.12427	36.40732	Palmira	EQ
2021	9	2	1	9	17.7			3.6	12	35.901	26.732	E.Mediter.Sea	EQ
2021	9	3	9	18	17.2			3.6	14	37.821	29.304	Turkey	EQ
2021	9	3	15	50	28.7			3.4	20	35.867	27.019	E.Mediter.Sea	EQ
2021	9	3	19	18	42.3			2.6	5	28.1097	34.8111	Red-Sea	EQ
2021	9	3	19	20	22			2.4	3	28.60513	34.66452	Arnona-Dakar-Deep	EQ
2021	9	4	3	5	23.7			1.6	17	32.26783	35.34677	E.Shomron	EQ
2021	9	4	5	0	55.9			1.3	19	32.42356	35.5033	E.Shomron	EQ
2021	9	4	18	11	58			2.8	10	28.87467	34.86885	Aragonese-Deep	EQ
2021	9	5	3	53	59.1			2.6	12	28.07969	34.65112	Arnona-Dakar-Deep	EQ
2021	9	5	21	27	55.2			4.1	10	35.591	27.737	E.Mediter.Sea	EQ
2021	9	6	7	53	19			3.6	1	35.737	27.591	E.Mediter.Sea	EQ
2021	9	6	21	42	22.4			2.2	1	28.869	35.041	Saudi-Arabia	EQ
2021	9	6	22	18	15.4			1.3	20	33.53564	34.6992	E.Mediter.Sea	EQ
2021	9	7	9	42	42.1			4.3	15	37.7439	29.6081	Turkey	EQ
2021	9	7	11	15	1.1			4.5	20	35.861	31.007	E.Mediter.Sea	EQ
2021	9	7	19	19	27			1.3	16	32.4275	35.28854	Carmel-Tirza	EQ
2021	9	7	21	55	30.3			4.2	10	36.3304	28.0785	E.Mediter.Sea	EQ
2021	9	8	1	40	4.5			4.5	8	35.969	27.209	E.Mediter.Sea	EQ

2021	9	8	9	4	13.6			2.7	1	29.801	32.3639	Suez	EQ
2021	9	8	17	41	16.5			2.3	18	34.551	33.5709	E.Mediter.Sea	EQ
2021	9	8	21	30	55.7			1.2	5	33.24972	35.71533	Yamune	EQ
2021	9	9	1	42	41	3.8	4	3.9	12	36.2834	35.6865		EQ
2021	9	9	3	10	43.6			1.8	4	32.8581	35.57056	Hula-Kinneret	EQ
2021	9	9	19	41	8.3			1.2	14	33.1744	34.81	Carmel-Tirza	EQ
2021	9	9	20	59	53.9			1	1	32.86522	35.5708	Hula-Kinneret	EQ
2021	9	9	23	51	26.5			0.6	6	32.927	35.53353	Hula-Kinneret	EQ
2021	9	11	2	6	17.9			2.1	2	33.5648	33.3762	E.Mediter.Sea	EQ
2021	9	11	8	43	58.2			1.7	14	33.454	34.31	E.Mediter.Sea	EQ
2021	9	11	10	7	36.9			4	10	36.4	27.24	E.Mediter.Sea	EQ
2021	9	11	13	31	4.9			4.4	12	36.041	27.275	E.Mediter.Sea	EQ
2021	9	11	23	8	58.6			2.1	1	33.007	35.104	Galilee	EQ
2021	9	12	0	49	5.9			1.8	1	33.638	35.708	Roum	EQ
2021	9	13	21	39	20.7			1.5	16	31.34524	35.35482	Dead-Sea-Basin	EQ
2021	9	13	23	10	46.9			1.7	16	32.42175	35.50649	E.Shomron	EQ
2021	9	14	0	37	8.9			2.1	1	28.97	34.8	Aragonese-Deep	EQ
2021	9	14	1	31	52.7			1.8	1	31.21168	35.38065	Dead-Sea-Basin	EQ
2021	9	14	6	49	9.1			1.8	1	30.778	35.224	Arava	EQ
2021	9	14	8	5	6.5			2.5	8	30.723	33.57	Sinai	EQ
2021	9	14	16	41	32.1			2.6	10	35.091	34.058	Cyprus	EQ
2021	9	15	13	9	21.7			3	20	29.371	31.35	Egypt	EQ
2021	9	15	16	57	25.9			1.5	26	32.67405	35.24517	Carmel-Tirza	EQ
2021	9	15	16	58	49.3			1.1	4	32.71939	35.27367	Galilee	EQ
2021	9	15	22	34	6.1			2.5	30	35.3	31.56	E.Mediter.Sea	EQ
2021	9	15	23	19	47.3			1.6	13	29.47781	34.72728	Eilat-Deep	EQ
2021	9	16	1	8	20.1			2.9	3	34.8409	32.0591	E.Mediter.Sea	EQ
2021	9	16	4	39	12.6			1.9	7	32.8001	35.6391	Hula-Kinneret	EQ
2021	9	16	8	38	25.3			2	10	29.39212	34.90112	Eilat-Deep	EQ
2021	9	16	21	39	37.7			2.5	1	33.95487	35.58673	Lebanon	EQ
2021	9	16	21	44	47.3			2.2	1	34.151	36.047	Yamune	EQ
2021	9	17	1	24	46.8			3.2	30	35.77	31.771	E.Mediter.Sea	EQ
2021	9	17	7	56	59.1			1.7	12	31.44061	35.49067	Dead-Sea-Basin	EQ
2021	9	17	23	45	28.3			4.2	6	37.82	29.29	Turkey	EQ
2021	9	18	1	51	57.1			2.7	10	35.92	36.81	Syria	EQ
2021	9	18	5	22	59.3			2.3	13	29.47372	34.74472	Eilat-Deep	EQ
2021	9	18	22	14	9.7			1.3	9	32.612	34.4641	E.Mediter.Sea	EQ
2021	9	20	7	14	16.9			2.4	2	32.759	35.461	Hula-Kinneret	EQ
2021	9	20	19	17	28.7			1.6	8	32.853	35.61	Hula-Kinneret	EQ
2021	9	21	0	5	51.6			3.1	65	33.475	28.749	E.Mediter.Sea	EQ
2021	9	21	2	43	20.6			2.5	16	35.631	34.822	E.Mediter.Sea	EQ

2021	9	21	3	39	28.8			1.7	21	31.30009	35.40107	Dead-Sea-Basin	EQ
2021	9	21	21	10	38.4			2	7	33.7134	34.7765	E.Mediter.Sea	EQ
2021	9	21	21	53	38.2			3.4	1	37.742	34.6	Turkey	EQ
2021	9	23	20	34	23.8			1.8	6	32.852	35.7	Hula-Kinneret	EQ
2021	9	23	21	34	25			2.3	2	34.518	33.608	E.Mediter.Sea	EQ
2021	9	24	0	1	35.4			3.2	10	35.136	27.942	E.Mediter.Sea	EQ
2021	9	24	11	44	47.6			1.7	10	29.46424	34.97827	Arava	EQ
2021	9	24	14	18	11.2			1.8	25	32.912	34.857	Carmel-Tirza	EQ
2021	9	24	14	19	28.3			4	1	36.502	27.302	E.Mediter.Sea	EQ
2021	9	24	16	16	35.9			2.9	16	34.491	33.502	E.Mediter.Sea	EQ
2021	9	24	22	7	57.6			1.8	10	32.8068	35.5282	Hula-Kinneret	EQ
2021	9	24	23	43	13.2			4.3	10	36.6	42.32	Iraq	EQ
2021	9	25	6	23	10.2			1.6	11	29.97285	35.1801	Arava	EQ
2021	9	25	11	18	40.6			1.8	10	29.52715	34.77811	Arava	EQ
2021	9	25	11	28	13.9			2.3	30	33.922	34.601	E.Mediter.Sea	EQ
2021	9	25	20	2	48.5			1.7	1	32.26802	35.34115	E.Shomron	EQ
2021	9	25	23	1	56.6			2.5	5	32.86432	35.57315	Hula-Kinneret	EQ
2021	9	26	7	1	9.3			1.9	2	32.231	35.424	E.Shomron	EQ
2021	9	26	20	10	17.7			2.2	19	31.2739	35.41666	Dead-Sea-Basin	EQ
2021	9	26	21	30	53			2.2	20	31.27929	35.43033	Dead-Sea-Basin	EQ
2021	9	27	0	6	58.4			1.7	23	32.77784	35.54088	Hula-Kinneret	EQ
2021	9	27	6	17	21.2			5.7	1	34.393	25.238	E.Mediter.Sea	EQ
2021	9	27	8	21	56.1			4.8	10	35.119	25.302	Crete	EQ
2021	9	27	11	2	24.1			4.7	10	35.062	25.202	Crete	EQ
2021	9	27	21	37	9.4			4.7	2	35.019	25.42	Crete	EQ
2021	9	28	3	19	33.7			1.7	18	31.501	35.412	Dead-Sea-Basin	EQ
2021	9	28	4	13	4.3			2	14	30.158	35.115	Arava	EQ
2021	9	28	4	48	7.5			5.1	10	35.11	25.248	Crete	EQ
2021	9	28	5	18	45.1			1.8	12	30.39373	35.52294	Jordan	EQ
2021	9	28	6	1	9.5			4.1	50	36.007	28.655	E.Mediter.Sea	EQ
2021	9	28	8	59	1.7			4.3	10	34.86	46.16		EQ
2021	9	28	18	6	36.7			2.5	0	34.668	33.9171	E.Mediter.Sea	EQ
2021	9	28	20	22	40.5			1.9	18	33.1782	35.6082	Hula-Kinneret	EQ
2021	9	29	11	54	51.8			4.1	12	34.74	25.43	E.Mediter.Sea	EQ
2021	9	29	14	18	57.1			2	12	32.87182	35.74136	Hula-Kinneret	EQ
2021	9	29	22	22	21.7			4.4	7	36.1097	27.4511	E.Mediter.Sea	EQ
2021	9	29	23	27	45.6			3.8	35	35.982	27.271	E.Mediter.Sea	EQ
2021	9	30	9	0	52.6			1.1	9	33.08971	35.60794	Hula-Kinneret	EQ
2021	9	30	14	26	7			0.9	8	32.0793	35.3899	E.Shomron	EQ
2021	9	30	16	17	52.9			1.2	2	32.80335	35.15255	Carmel-Tirza	EQ
2021	9	30	17	13	54.1			2.5	25	27.497	33.1447	Egypt	EQ

2021	9	30	17	35	46.8			3.4	25	34.29	26.58	E.Mediter.Sea	EQ
2021	9	30	19	52	40.5			3	20	36.43	28.9	Turkey	EQ
2021	9	30	20	21	40.9			1.2	12	32.80008	35.61239	Hula-Kinneret	EQ
2021	9	30	23	31	43.2			1.7	6	31.08711	35.47075	Dead-Sea-Basin	EQ
2021	10	1	0	46	14.1			2.7	2	34.771	33.61	E.Mediter.Sea	EQ
2021	10	1	1	15	17.3			5.2	10	29.78	50.52		EQ
2021	10	1	11	18	40			1.9	4	32.12768	35.52056	E.Shomron	EQ
2021	10	2	1	9	21.1			1	9	32.40903	35.50857	E.Shomron	EQ
2021	10	2	7	45	38.7			3.8	20	34.978	27.839	E.Mediter.Sea	EQ
2021	10	2	9	28	21.1			2.8	5	34.661	33.406	E.Mediter.Sea	EQ
2021	10	2	15	31	18.2			1.9	10	31.66234	35.54513	Dead-Sea-Basin	EQ
2021	10	3	3	28	29.2			2	0	33.53	34.62	E.Mediter.Sea	EQ
2021	10	3	7	15	13.8			3.7	20	37.168	30.322	Turkey	EQ
2021	10	3	10	12	48.2			1.6	17	29.65038	35.08371	Arava	EQ
2021	10	3	18	38	21.2			1.5	11	32.13637	35.56511	Jordan-Valley	EQ
2021	10	4	3	19	20.6			1.4	0	32.81913	35.57777	Hula-Kinneret	EQ
2021	10	4	14	3	29			4.4	13	36	27.41	E.Mediter.Sea	EQ
2021	10	5	0	54	30.9			3.2	10	34.8099	32.3371	Cyprus	EQ
2021	10	5	15	55	11.3			2.3	3	34.63921	36.1185	Syria	EQ
2021	10	5	20	8	57.7			2.2	20	33.5496	33.3011	E.Mediter.Sea	EQ
2021	10	5	22	40	58.8			1.5	20	32.12356	35.33595	E.Shomron	EQ
2021	10	6	3	18	44.3			1.7	11	32.81517	35.60199	Hula-Kinneret	EQ
2021	10	6	3	32	31.8			1.9	12	31.61637	35.55124	Dead-Sea-Basin	EQ
2021	10	6	19	22	22.9			2.5	16	34.302	33.178	E.Mediter.Sea	EQ
2021	10	6	21	23	18.6			1.3	7	32.8349	35.5837	Hula-Kinneret	EQ
2021	10	7	0	13	54.1			1.7	20	32.99	34.714	Carmel-Tirza	EQ
2021	10	7	8	20	32.3			2	16	29.53968	34.94112	Arava	EQ
2021	10	8	14	44	48.2			1.1	16	29.56616	34.79177	Arava	EQ
2021	10	9	0	31	21.2			2.9	6	35.38814	37.5574	Syria	EQ
2021	10	9	0	34	19.7			1.5	17	29.52673	35.03641	Arava	EQ
2021	10	9	6	5	33			4.8	10	32.38	49.75		EQ
2021	10	9	13	20	28.2			1	14	29.53045	34.74096	Arava	EQ
2021	10	9	22	55	12.1			3.2	40	34.94	26.41	E.Mediter.Sea	EQ
2021	10	10	7	51	21.3			2.2	24	32.03356	35.59773	Jordan-Valley	EQ
2021	10	10	14	5	15.2			1.8	5	33.11107	35.5821	Hula-Kinneret	EQ
2021	10	10	22	41	48.4			1.4	3	29.83793	34.47156	East-Sinai	EQ
2021	10	11	2	37	3			2.1	17	34.89939	32.98638	Cyprus	EQ
2021	10	11	5	6	28.1			1.7	12	30.44427	35.1931	Arava	EQ
2021	10	11	12	50	35.9			4.4	1	34.1549	26.1591	E.Mediter.Sea	EQ
2021	10	11	14	43	24.4			4.1	20	34.771	26.49	E.Mediter.Sea	EQ
2021	10	11	20	24	9.4			3	4	30.63897	33.51684	Sinai	EQ

2021	10	12	9	21	19			2	0	32.91894	35.131	Galilee	EQ
2021	10	12	9	24	6.9			5.8	18	34.7707	26.6521	E.Mediter.Sea	EQ
2021	10	12	11	7	35.1			1.9	0	33.13029	35.97096	W.Sirhan	EQ
2021	10	12	18	2	52			1.1	5	32.8711	35.3349	Galilee	EQ
2021	10	12	22	45	18.7			2.6	7	29.00969	34.34112	Sinai	EQ
2021	10	13	0	44	56.7			1.8	19	30.82444	35.28022	Arava	EQ
2021	10	13	1	7	34.2			1.5	1	33.1193	35.4671	Hula-Kinneret	EQ
2021	10	13	8	42	25.2			1.9	20	32.68	36.2542	W.Sirhan	EQ
2021	10	13	18	58	51			1.8	20	32.99397	35.76629	Hula-Kinneret	EQ
2021	10	14	4	26	30.9			2	10	33.09741	35.45929	Hula-Kinneret	EQ
2021	10	14	5	27	38.8			2.1	10	32.5839	35.6241	Jordan-Valley	EQ
2021	10	14	8	12	53.7			2.7	7	32.999	31.4309	E.Mediter.Sea	EQ
2021	10	14	18	6	40.6			2	18	31.582	35.5008	Dead-Sea-Basin	EQ
2021	10	14	18	21	35.9			2.5	18	32.758	31.593	E.Mediter.Sea	EQ
2021	10	14	19	32	50.1			1.4	17	30.34523	34.77294	Paran-fault	EQ
2021	10	15	3	18	40.5			3.8	2	34.588	27.043	E.Mediter.Sea	EQ
2021	10	15	9	27	37.8			3.7	1	34.451	25.301	E.Mediter.Sea	EQ
2021	10	15	19	6	37.1			1.7	18	31.5519	35.4689	Dead-Sea-Basin	EQ
2021	10	15	22	29	34.1			1.5	10	32.307	35.529	E.Shomron	EQ
2021	10	15	23	6	47.4			3.2	7	35.7109	28.9401	E.Mediter.Sea	EQ
2021	10	15	23	25	46.2			4.3	14	34.697	26.64	E.Mediter.Sea	EQ
2021	10	16	2	19	16.6			2.2	35	33.9718	33.5492	E.Mediter.Sea	EQ
2021	10	16	13	8	52.8			1.1	9	33.27573	35.36695	Lebanon	EQ
2021	10	16	16	42	41.6			3.2	20	34.933	27.528	E.Mediter.Sea	EQ
2021	10	16	19	29	4.7			1.8	14	33.441	34.529	E.Mediter.Sea	EQ
2021	10	17	1	23	13.7			2.5	65	34.87	31.685	E.Mediter.Sea	EQ
2021	10	17	1	47	36.2			2.5	45	35.08	31.497	E.Mediter.Sea	EQ
2021	10	17	9	1	22.5			1.5	0	32.20079	35.58572	Jordan-Valley	EQ
2021	10	17	13	8	21.5			1.6	76	33.12388	35.68535	Hula-Kinneret	EQ
2021	10	18	2	27	47.2			3.5	50	35.0448	29.281	E.Mediter.Sea	EQ
2021	10	18	8	45	7.7			2.9	6	28.78968	34.66112	Aragonese-Deep	EQ
2021	10	18	10	0	42.3			1.9	0	32.0459	36.6922	W.Sirhan	EQ
2021	10	18	12	30	4.8			2.9	4	35.7109	31.501	E.Mediter.Sea	EQ
2021	10	18	19	7	34.6			1.9	20	34.1106	33.8421	E.Mediter.Sea	EQ
2021	10	19	2	31	48.9			1.3	4	32.17392	35.43675	E.Shomron	EQ
2021	10	19	2	48	52.5			1.7	4	32.17392	35.43675	E.Shomron	EQ
2021	10	19	5	32	33.5			5.7	45	34.33068	28.63112	E.Mediter.Sea	FELT
2021	10	19	5	59	29.8			1.7	1	32.187	35.6281	Jordan-Valley	EQ
2021	10	19	6	50	2.7			3.2	20	34.771	28.175	E.Mediter.Sea	EQ
2021	10	19	7	17	30			1.8	1	31.243	35.556	Dead-Sea-Basin	EQ
2021	10	19	9	9	22.4			2.4	40	33.11285	35.15234	Lebanon	EQ

2021	10	19	10	0	18.1			2.4	1	34.598	36.931	Palmira	EQ
2021	10	19	12	53	23.4			3.2	3	34.48	26.21	E.Mediter.Sea	EQ
2021	10	19	22	8	49.3			3.1	7	35.782	29.751	E.Mediter.Sea	EQ
2021	10	19	23	17	53.2			3.1	16	35.862	29.729	E.Mediter.Sea	EQ
2021	10	19	23	41	27.8			3.1	20	35.689	29.899	E.Mediter.Sea	EQ
2021	10	20	2	44	8.8			4.2	5	34.75	25.7	E.Mediter.Sea	EQ
2021	10	20	4	52	24.2			3.2	10	35.489	30.091	E.Mediter.Sea	EQ
2021	10	20	6	42	33.3			2.3	11	32.99345	35.72198	Hula-Kinneret	EQ
2021	10	20	11	46	57			2.1	9	31.33527	35.44759	Dead-Sea-Basin	EQ
2021	10	20	14	1	0.5			1.5	37	33.10435	35.83897	W.Sirhan	EQ
2021	10	20	15	6	48.2			1.9	35	32.82724	35.66089	Hula-Kinneret	EQ
2021	10	20	16	29	29.5			2.2	0	33.9334	36.74183	Palmira	EQ
2021	10	20	18	29	51.1			3.1	14	37.9	29.58	Turkey	EQ
2021	10	20	20	25	41.6			3.3	8	34.979	28.051	E.Mediter.Sea	EQ
2021	10	20	20	27	35.8			2.9	3	35.41	29.34	E.Mediter.Sea	EQ
2021	10	21	8	13	1.6			4.3	4	34.67	25.703	E.Mediter.Sea	EQ
2021	10	21	9	38	38.2			4.7	8	34.718	25.299	E.Mediter.Sea	EQ
2021	10	21	15	44	43.5			1.8	30	31.3936	35.4696	Dead-Sea-Basin	EQ
2021	10	21	22	15	26.8			3	45	34.942	33.867	Cyprus	EQ
2021	10	21	23	20	1.2			1.7	1	32.197	35.64	Jordan-Valley	EQ
2021	10	22	3	15	43.8			1.6	4	32.8609	35.2211	Galilee	EQ
2021	10	22	10	41	9.2			1.7	25	31.267	35.408	Dead-Sea-Basin	EQ
2021	10	22	17	12	52.9			4.1	3	34.251	25.342	E.Mediter.Sea	EQ
2021	10	22	20	56	31.5			2.8	40	34.509	32.1179	E.Mediter.Sea	EQ
2021	10	23	7	42	15.9			1.7	1	31.6661	35.5211	Dead-Sea-Basin	EQ
2021	10	23	21	21	39.1			2.3	65	35.27	32.75	Cyprus	EQ
2021	10	23	23	3	26.7			2.7	25	35.171	32.559	Cyprus	EQ
2021	10	24	1	52	34.6			0.7	1	31.67252	35.47409	Dead-Sea-Basin	EQ
2021	10	24	13	33	21.5			1.9	6	31.45623	35.44106	Dead-Sea-Basin	EQ
2021	10	24	15	1	14			1.5	24	30.76089	35.34419	Arava	EQ
2021	10	24	19	19	49.6			1.6	4	32.89183	35.56781	Hula-Kinneret	EQ
2021	10	25	0	32	35.9			1.4	20	32.53723	34.88903	E.Mediter.Sea	EQ
2021	10	25	8	45	53.9			1.7	8	33.1301	35.7641	Hula-Kinneret	EQ
2021	10	25	10	38	13			2.1	7	30.33525	34.73097	Paran-fault	EQ
2021	10	25	13	19	22.8			1.5	10	33.10168	36.02112	W.Sirhan	EQ
2021	10	25	21	23	16.6			2.4	9	33.91064	35.18866	E.Mediter.Sea	EQ
2021	10	25	23	57	19.4			0.6	3	32.848	35.57095	Hula-Kinneret	EQ
2021	10	25	23	59	25.4			1.1	1	32.85343	35.56456	Hula-Kinneret	EQ
2021	10	26	21	17	56.1			2.2	10	34.772	34.142	E.Mediter.Sea	EQ
2021	10	27	4	53	5.9			3.3	22	34.88331	33.04379	Cyprus	EQ
2021	10	27	5	0	28.6			3.3	20	34.82	32.949	Cyprus	EQ

2021	10	27	9	44	35.3			2.4	14	34.78	32.918	Cyprus	EQ
2021	10	27	13	43	26.7			3.6	10	34.751	32.93	Cyprus	EQ
2021	10	27	14	35	5.3			1.1	10	33.141	35.748	Hula-Kinneret	EQ
2021	10	27	19	49	12.2			3	40	33.451	28.501	E.Mediter.Sea	EQ
2021	10	27	21	38	26.5			4.2	1	38.509	31.519	Turkey	EQ
2021	10	27	23	47	30			2	7	32.962	34.917	Carmel-Tirza	EQ
2021	10	28	0	41	8.4			1.6	1	33.78764	35.80553	Roum	EQ
2021	10	28	1	28	46.5			0.7	0	33.0392	35.30817	Galilee	EQ
2021	10	28	2	37	41.5			3.1	2	34.991	26.461	E.Mediter.Sea	EQ
2021	10	28	2	45	21.7			2.1	1	34.569	32.983	E.Mediter.Sea	EQ
2021	10	28	3	8	15.4			2.7	5	34.613	32.991	Cyprus	EQ
2021	10	28	3	52	23			2.4	55	34.791	32.449	Cyprus	EQ
2021	10	28	3	53	39.5			2	0	32.38	32.69	E.Mediter.Sea	EQ
2021	10	28	13	7	27			2.2	40	33.4522	33.1331	E.Mediter.Sea	EQ
2021	10	28	14	48	7.8			1.1	5	32.08295	35.60567	Jordan-Valley	EQ
2021	10	28	17	48	13.5			1.5	15	31.46303	35.4678	Dead-Sea-Basin	EQ
2021	10	28	17	56	14.9			2	20	28.07969	34.55112	Arnona-Dakar-Deep	EQ
2021	10	30	2	2	30.7			2.7	1	34.119	35.731	Lebanon	EQ
2021	10	30	10	32	23.4			2.7	1	29.9501	32.0903	Suez	EQ
2021	10	30	22	44	51.1			2	2	33.688	36.02	Yamune	EQ
2021	10	31	7	10	39.2			1.6	1	33.171	35.602	Hula-Kinneret	EQ
2021	10	31	7	52	17.4			2.1	8	31.384	35.52	Dead-Sea-Basin	EQ
2021	10	31	9	21	18.7			2.1	16	31.43	35.479	Dead-Sea-Basin	EQ
2021	10	31	16	16	22.9			2	14	29.47157	34.95402	Arava	EQ
2021	10	31	16	51	30.8			1.6	15	29.47291	34.94515	Arava	EQ
2021	10	31	19	39	50.8			3.8	1	35.0509	25.169	Crete	EQ
2021	11	1	3	53	59.5			2.2	18	34.4189	36.8121	Palmira	EQ
2021	11	1	10	51	51.8			1.3	12	30.0908	35.0292	W.Malhan	EQ
2021	11	1	16	27	7.8			3.1	25	33.661	32.138	E.Mediter.Sea	EQ
2021	11	1	19	26	26.2			3.7	20	36.614	33.92	Turkey	EQ
2021	11	1	20	25	54.9			1.5	10	32.1109	35.3469	E.Shomron	EQ
2021	11	2	3	47	25.3			2.6	30	35.46	31.28	E.Mediter.Sea	EQ
2021	11	2	16	46	15.7			1.9	8	33.78968	35.96112	Yamune	EQ
2021	11	3	17	39	13.7			1.8	1	33.6101	35.8211	Yamune	EQ
2021	11	4	10	53	12.5			3.9	10	34.3418	28.9592	E.Mediter.Sea	EQ
2021	11	4	12	28	3.8			1.9	4	33.399	35.773	Yamune	EQ
2021	11	4	13	19	57			2.2	3	34.0934	35.9765	Yamune	EQ
2021	11	4	14	58	44.3			1.8	7	30.622	35.298	Arava	EQ
2021	11	4	19	35	30.6			1.8	7	33.0458	35.3472	Galilee	EQ
2021	11	4	21	17	16.8			3.8	60	35.2419	27.7201	E.Mediter.Sea	EQ
2021	11	4	21	38	5.9			2	1	32.0479	35.2892	Judea-Samaria	EQ

2021	11	5	1	54	28.9			1.2	9	33.24253	34.67836	Carmel-Tirza	EQ
2021	11	5	4	28	9.8			3.8	10	34.2909	26.5631	E.Mediter.Sea	EQ
2021	11	5	7	51	24.8			1.8	8	33.134	35.385	Lebanon	EQ
2021	11	5	20	27	21.9			2.6	50	34.8918	33.1722	Cyprus	EQ
2021	11	6	1	7	39.3			1.1	14	32.901	35.243	Galilee	EQ
2021	11	6	10	40	50.9			3.6	1	35.297	27.17	E.Mediter.Sea	EQ
2021	11	7	10	54	40			2.6	14	29.46365	35.01837	Arava	EQ
2021	11	7	16	46	9.3			1.2	24	33.22911	35.54753	Hula-Kinneret	EQ
2021	11	7	22	58	51.7			1	16	29.66738	34.98039	Arava	EQ
2021	11	7	22	59	15			2.9	35	33.944	29.374	E.Mediter.Sea	EQ
2021	11	8	17	43	20			4.6	8	38.032	32.149	Turkey	EQ
2021	11	8	23	38	7.2			3.8	1	37.901	32.121	Turkey	EQ
2021	11	9	12	28	8			4	15	34.53	46.32		EQ
2021	11	10	12	13	50.4			2.4	14	34.732	33.981	E.Mediter.Sea	EQ
2021	11	10	17	16	46.9			1.7	3	32.511	35.091	Sharon	EQ
2021	11	10	19	32	34.7			1.6	1	32.419	36.76	W.Sirhan	EQ
2021	11	11	2	6	49.4			2	18	34.818	32.84	Cyprus	EQ
2021	11	11	3	28	3.8			1	7	33.08561	35.73966	Hula-Kinneret	EQ
2021	11	11	11	16	13.9			2.5	25	30.377	30.487	Egypt	EQ
2021	11	11	13	42	56.5			2.2	25	30.627	32.081	Egypt	EQ
2021	11	11	18	31	20.1			0.9	10	29.59341	34.98272	Arava	EQ
2021	11	11	23	32	10.5			2.8	35	34.281	33.789	E.Mediter.Sea	EQ
2021	11	12	3	46	10.2			4.2	25	33.9597	24.1701	E.Mediter.Sea	EQ
2021	11	12	9	19	15.3			4.8	10	38.27	38.88	Turkey	EQ
2021	11	12	14	26	15.8			3.5	12	34.689	33.181	Cyprus	EQ
2021	11	12	14	30	53.7			3.2	14	34.739	33.14	Cyprus	EQ
2021	11	12	14	35	22.8			2.9	20	34.7924	33.1255	Cyprus	EQ
2021	11	12	14	42	25.4			2.7	4	34.6309	33.001	Cyprus	EQ
2021	11	12	16	24	12.9			2.4	16	34.76968	33.22112	Cyprus	EQ
2021	11	12	17	38	50.8			2.6	1	34.718	33.303	Cyprus	EQ
2021	11	13	2	53	7.2			3.6	25	34.36	32.169	E.Mediter.Sea	EQ
2021	11	13	7	53	39.9			3	7	35.988	31.562	E.Mediter.Sea	EQ
2021	11	13	8	9	45.7			3.2	47	36.582	30.27	Turkey	EQ
2021	11	13	16	19	45.2			1.1	8	32.86287	35.45159	Hula-Kinneret	EQ
2021	11	13	23	34	15.2			2.8	14	34.72	33.406	E.Mediter.Sea	EQ
2021	11	14	2	16	33.6			2.9	10	34.6149	29.16	E.Mediter.Sea	EQ
2021	11	14	9	9	56.4			1.7	20	29.4399	34.96495	Eilat-Deep	EQ
2021	11	14	11	32	55.3			3.1	25	34.391	32.179	E.Mediter.Sea	EQ
2021	11	14	15	19	58.3			3.6	10	35.61	30.32	E.Mediter.Sea	EQ
2021	11	14	16	16	36.9			2.7	8	29.267	34.81	Eilat-Deep	EQ
2021	11	14	20	35	6.1			3.7	1	36.04	27.7	E.Mediter.Sea	EQ

2021	11	15	3	25	19.4			1.8	4	33.70636	35.6232	Roum	EQ
2021	11	16	2	40	35.6			1.6	17	30.52796	35.26352	Arava	EQ
2021	11	16	2	44	52.3			1.5	15	30.52616	35.26248	Arava	EQ
2021	11	16	4	37	2.3			2.6	5	32.17691	37.10977	W.Sirhan	EQ
2021	11	16	7	42	51.4			2.5	16	32.0957	35.5124	E.Shomron	EQ
2021	11	16	8	24	52.5			1.5	15	31.40015	34.74285	Central-Israel	EQ
2021	11	16	10	1	57.6			1.3	10	30.51913	35.17538	Barak-fault	EQ
2021	11	16	10	29	24.4			1.2	5	30.49568	35.19309	Barak-fault	EQ
2021	11	16	14	48	11.5			1.4	19	30.53158	35.22393	Barak-fault	EQ
2021	11	16	21	49	49.8			1.1	23	32.99807	35.5919	Hula-Kinneret	EQ
2021	11	16	23	50	7.7			2	8	33.69968	35.13112	E.Mediter.Sea	EQ
2021	11	17	18	30	9.8			2.9	45	34.0899	27.288	E.Mediter.Sea	EQ
2021	11	18	16	10	12.1			1.4	7	33.198	35.779	Yamune	EQ
2021	11	18	16	14	13.9			1.6	20	32.4961	35.2811	Carmel-Tirza	EQ
2021	11	18	23	32	19.1			1.3	6	33.298	35.598	Roum	EQ
2021	11	19	0	15	16.5			1.6	10	32.858	35.5942	Hula-Kinneret	EQ
2021	11	19	12	41	11.5			5.2	70	39.932	42.131	Turkey	EQ
2021	11	19	21	16	7.2			2.2	8	29.01969	34.45112	Sinai	EQ
2021	11	19	22	0	59.1			2.3	25	33.10069	34.34212	E.Mediter.Sea	EQ
2021	11	20	0	52	32.9			1	16	33.13162	35.5209	Hula-Kinneret	EQ
2021	11	20	3	7	30.6			0.9	5	33.2318	35.3071	Lebanon	EQ
2021	11	21	0	45	12.7			3.3	25	35.934	30.015	E.Mediter.Sea	EQ
2021	11	21	15	34	44			2.6	2	28.11341	34.62206	Arnona-Dakar-Deep	EQ
2021	11	21	20	35	43.8			3.8	30	36.05	31.227	E.Mediter.Sea	EQ
2021	11	22	8	31	35.3			4.7	7	39.82	41.85	Turkey	EQ
2021	11	22	15	53	19.9			1.9	3	33.931	34.898	E.Mediter.Sea	EQ
2021	11	22	23	1	59.8			1.6	8	30.49428	35.09081	Arava	EQ
2021	11	25	20	12	28.3			1.9	3	33.572	35.47	Lebanon	EQ
2021	11	26	3	2	34.2			1.3	20	32.935	35.628	Hula-Kinneret	EQ
2021	11	26	7	43	21.9			1.4	2	30.632	35.383	Arava	EQ
2021	11	27	5	14	15.3			4.2	5	33.919	26.838	E.Mediter.Sea	EQ
2021	11	27	22	17	59.8			1.8	10	30.579	35.357	Arava	EQ
2021	11	27	23	46	45.2			1.8	16	31.85365	35.49617	Jordan-Valley	EQ
2021	11	28	7	55	16.4			2	6	29.69168	34.51312	Thamad	EQ
2021	11	28	12	1	39.3			1.1	6	32.7035	35.10494	Carmel-Tirza	EQ
2021	11	29	1	36	40.1			3.6	8	34.166	27.373	E.Mediter.Sea	EQ
2021	11	30	2	1	33.3			2.2	12	34.58	33.338	E.Mediter.Sea	EQ
2021	11	30	4	0	36.7			5.1	10	37.777	26.023		EQ
2021	11	30	15	48	22.7			2.3	1	33.748	35.962	Yamune	EQ
2021	11	30	18	14	4.8			1.8	14	30.066	35.218	Arava	EQ
2021	12	1	3	14	23.6			1.9	12	31.3126	34.59684	Negev	EQ

2021	12	2	7	12	24.7			2.7	2	29.522	31.772	Egypt	EQ
2021	12	2	22	58	14.8			1.4	2	32.735	34.444	E.Mediter.Sea	EQ
2021	12	3	5	0	16.6			2.5	10	34.404	32.294	E.Mediter.Sea	EQ
2021	12	3	5	3	1.5			2.3	3	34.385	32.882	E.Mediter.Sea	EQ
2021	12	3	19	17	52.7			2.2	1	30.034	33.284	Sinai	EQ
2021	12	3	20	48	50.7			2.1	8	30.046	33.006	Sinai	EQ
2021	12	4	20	30	22.5			1.6	4	31.02082	35.46074	Dead-Sea-Basin	EQ
2021	12	4	22	4	23.1			1.8	25	33.212	34.401	Carmel-Tirza	EQ
2021	12	5	0	23	22.9			2.7	40	35.3721	31.8646	E.Mediter.Sea	EQ
2021	12	5	2	49	42.5			2.1	12	33.65868	34.98212	E.Mediter.Sea	EQ
2021	12	5	4	41	16.5			1.9	15	31.45702	35.45243	Dead-Sea-Basin	EQ
2021	12	5	8	5	39.5			2.6	14	34.383	32.381	E.Mediter.Sea	EQ
2021	12	6	18	37	25.4			1.3	1	31.099	35.482	Dead-Sea-Basin	EQ
2021	12	6	22	28	24.5			2	14	34.6107	33.0621	E.Mediter.Sea	EQ
2021	12	7	23	3	4.7			1.7	3	33.86286	35.88754	Yamune	EQ
2021	12	8	8	3	54.6			1.6	19	33.45837	34.79688	E.Mediter.Sea	EQ
2021	12	8	21	32	33.6			1.5	12	32.87304	35.63537	Hula-Kinneret	EQ
2021	12	9	17	31	30			3.9	25	34.6819	24.0051	E.Mediter.Sea	EQ
2021	12	9	19	24	35.1			3	3	30.212	32.119	Suez	EQ
2021	12	9	22	0	46.1			1.5	18	30.5149	35.3538	Arava	EQ
2021	12	10	0	0	31.9			3.2	10	34.346	28.595	E.Mediter.Sea	EQ
2021	12	10	3	41	51.5			1.5	10	32.0865	35.39945	E.Shomron	EQ
2021	12	10	20	24	36.2			1.8	20	30.539	35.296	Arava	EQ
2021	12	11	18	13	36.2			1.2	11	32.76184	35.30892	Galilee	EQ
2021	12	11	23	3	9.3			2.5	50	34.909	32.709	Cyprus	EQ
2021	12	11	23	16	32.3			1.1	0	32.93068	35.60122	Hula-Kinneret	EQ
2021	12	12	17	47	27			1.8	5	33.77796	35.39607	E.Mediter.Sea	EQ
2021	12	12	19	28	16.7			1.6	13	32.09101	35.40052	E.Shomron	EQ
2021	12	12	21	5	19.1			2	1	33.953	35.673	Lebanon	EQ
2021	12	13	11	51	31.3			2.5	3	30.092	31.922	Suez	EQ
2021	12	13	11	53	30.3			2.2	1	29.977	32.071	Suez	EQ
2021	12	13	12	28	20.5			2.4	1	30.2728	32.3472	Suez	EQ
2021	12	13	13	21	46.8			2.5	1	30.188	32.127	Suez	EQ
2021	12	13	14	40	58.6			1.3	17	32.91732	35.63324	Hula-Kinneret	EQ
2021	12	13	20	43	32.7			2.2	14	34.792	33.737	E.Mediter.Sea	EQ
2021	12	14	2	14	1.3			1	18	31.34255	35.40904	Dead-Sea-Basin	EQ
2021	12	14	5	13	25.1			2.3	0	35.21	34.13	E.Mediter.Sea	EQ
2021	12	15	3	43	32.9			3.7	3	34.101	27.091	E.Mediter.Sea	EQ
2021	12	15	8	23	8.9			5.4	10	32.34	49.64		EQ
2021	12	15	13	16	53.8			1.3	14	30.51191	35.16496	Barak-fault	EQ
2021	12	16	2	35	27.9			1.3	18	32.49919	35.2834	Carmel-Tirza	EQ

2021	12	16	2	50	49.5			1.7	17	33.00907	35.61784	Hula-Kinneret	EQ
2021	12	16	11	0	39			1.4	18	31.32544	35.39114	Dead-Sea-Basin	EQ
2021	12	16	20	58	50.8			1.6	15	32.76116	35.22066	Galilee	EQ
2021	12	16	23	37	31.3			1	9	32.76864	35.23262	Galilee	EQ
2021	12	17	5	38	22.8			1.9	0	32.41461	35.57918	Jordan-Valley	EQ
2021	12	17	8	44	50			1.8	7	32.41378	35.58264	Jordan-Valley	EQ
2021	12	17	9	2	32.4			1.2	11	32.34312	35.35273	E.Shomron	EQ
2021	12	17	18	39	22.5			2	18	33.9497	36.1011	Yamune	EQ
2021	12	17	20	41	17.7			1.6	0	32.41669	35.5778	Jordan-Valley	EQ
2021	12	18	2	47	27.2			1.3	7	32.81549	35.61459	Hula-Kinneret	EQ
2021	12	18	5	16	32.8			5.2	60	36.02	23.08		EQ
2021	12	18	18	26	24.1			1.2	17	32.71737	35.59345	Hula-Kinneret	EQ
2021	12	18	18	53	21.5			3.2	10	33.9134	25.8565	E.Mediter.Sea	EQ
2021	12	19	7	23	46.2			3.7	30	34.35	26.9	E.Mediter.Sea	EQ
2021	12	19	8	51	32.8			3	8	33.6653	35.42774	Lebanon	EQ
2021	12	19	15	32	10.9			2.9	40	35.75	28.6	E.Mediter.Sea	EQ
2021	12	20	2	24	51			1.7	11	29.83088	34.51858	East-Sinai	EQ
2021	12	20	3	24	6			1.8	19	29.64778	35.10395	Arava	EQ
2021	12	20	5	35	29.6			1.9	22	32.99283	35.56256	Hula-Kinneret	EQ
2021	12	20	6	49	25.2			3.7	8	35.18	25.29	Crete	EQ
2021	12	20	17	10	12.1			1.8	17	32.99324	34.98039	Carmel-Tirza	EQ
2021	12	20	19	56	43.6			1.5	21	32.58026	34.43348	E.Mediter.Sea	EQ
2021	12	21	2	46	26.5			1.3	5	29.95533	35.13411	Arava	EQ
2021	12	21	9	6	17.3			3.2	20	29.91	31.531	Egypt	EQ
2021	12	21	17	16	29.4			2.7	100	36.071	32.019	E.Mediter.Sea	EQ
2021	12	21	19	34	49.6			1.2	12	32.54989	35.2021	Carmel-Tirza	EQ
2021	12	21	21	3	42.6			1.4	1	32.351	35.321	Carmel-Tirza	EQ
2021	12	21	22	31	55.1			2.7	2	35.532	32.012	E.Mediter.Sea	EQ
2021	12	22	2	5	17			1.3	19	32.32179	35.31213	Judea-Samaria	EQ
2021	12	23	20	51	52.5			2.6	20	36.121	35.741	E.Mediter.Sea	EQ
2021	12	24	16	15	42.9			3.2	10	28.8034	34.7665	Aragonese-Deep	EQ
2021	12	24	17	53	14.8			1.1	19	32.41178	35.52665	E.Shomron	EQ
2021	12	25	4	20	44.2			1.4	9	30.08525	35.20144	Arava	EQ
2021	12	25	12	19	42.9			4.2	20	36.38969	27.38112	E.Mediter.Sea	EQ
2021	12	25	23	43	33.3			1.3	5	32.83905	35.57838	Hula-Kinneret	EQ
2021	12	26	2	7	30.5			1.3	13	32.40854	35.31723	Carmel-Tirza	EQ
2021	12	26	15	15	10.1			4.6	20	34.8034	26.7365	E.Mediter.Sea	EQ
2021	12	26	18	58	58.7			5.2	10	34.7704	26.81055	E.Mediter.Sea	EQ
2021	12	26	22	2	20.3			4	20	34.841	26.879	E.Mediter.Sea	EQ
2021	12	26	22	15	50.7			3.6	3	34.8417	27.1731	E.Mediter.Sea	EQ
2021	12	27	4	27	10.4			1.3	3	32.6892	35.17437	Carmel-Tirza	EQ

2021	12	27	11	48	19.1			2	20	32.06262	35.44431	E.Shomron	EQ
2021	12	27	18	25	42.3			1.4	9	31.88911	35.39037	E.Shomron	EQ
2021	12	27	22	8	29.4			2.4	8	34.6197	32.5311	E.Mediter.Sea	EQ
2021	12	27	23	15	37.6			3.4	20	34.61969	26.95112	E.Mediter.Sea	EQ
2021	12	28	0	57	13.2			1.1	16	32.7887	35.55896	Hula-Kinneret	EQ
2021	12	28	9	59	54.1			1.2	9	29.82454	35.04584	Arava	EQ
2021	12	29	3	13	22.3			1.7	3	32.78915	35.39894	Galilee	EQ
2021	12	29	5	8	10.6			5.6	35	34.51162	25.7416	E.Mediter.Sea	FELT
2021	12	29	12	26	46.9			1.3	9	29.91755	34.98439	Arava	EQ
2021	12	29	15	57	40.8			1.6	5	32.91632	35.57871	Hula-Kinneret	EQ
2021	12	29	16	47	10.7			4.9	40	34.5412	25.7785	E.Mediter.Sea	EQ
2021	12	29	23	6	43.7			4.1	40	34.909	25.501	E.Mediter.Sea	EQ
2021	12	30	0	45	35.2			2.5	30	34.97508	29.05422	E.Mediter.Sea	EQ
2021	12	30	21	55	6.9			4.2	50	34.7034	24.0665	E.Mediter.Sea	EQ
2021	12	31	0	8	43.2			0.9	8	32.94159	35.67997	Hula-Kinneret	EQ
2021	12	31	1	6	34.6			2	9	32.65953	34.17165	E.Mediter.Sea	EQ
2021	12	31	4	0	20.4			1.2	15	30.48125	35.17955	Barak-fault	EQ
2021	12	31	6	5	5.6			1.2	10	29.44492	34.71341	Eilat-Deep	EQ
2021	12	31	9	25	26.3			1.8	3	32.88326	35.57002	Hula-Kinneret	EQ
2021	12	31	17	4	3.1			1.1	1	33.2734	35.4265	Lebanon	EQ
2021	12	31	17	6	0.2			1.3	4	33.30739	35.41394	Lebanon	EQ

APPENDIX B. FAULT-PLANE SOLUTIONS FOR SOME LOCAL EARTHQUAKES

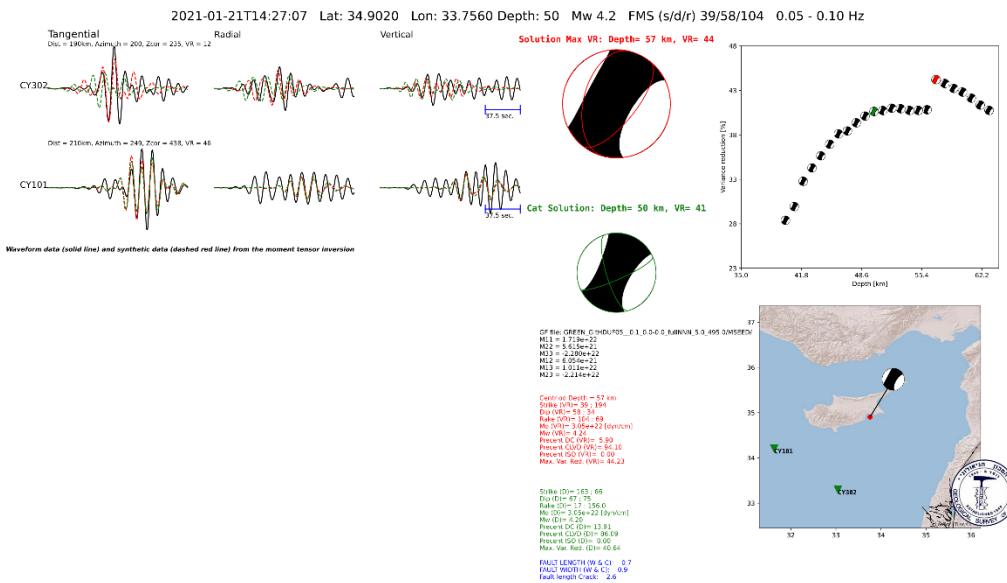


Figure B3. Fault-plane solution of the felt earthquake occurred in 19/10/2021 in the Eastern Mediterranean Sea (#3 in Table 7)

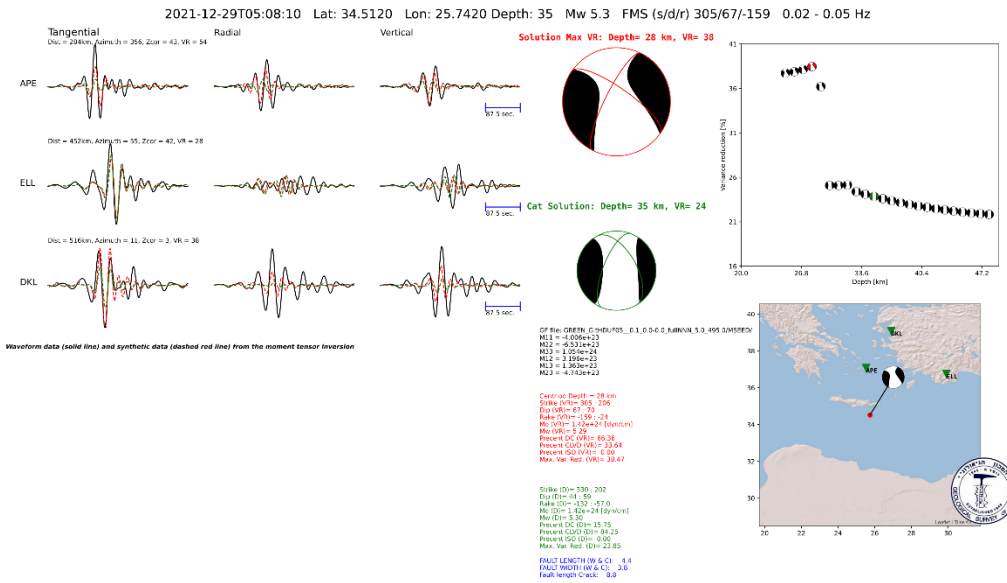


Figure B4. Fault-plane solution of the felt earthquake occurred in 29/12/2021 in the Eastern Mediterranean Sea (#4 in Table 7)