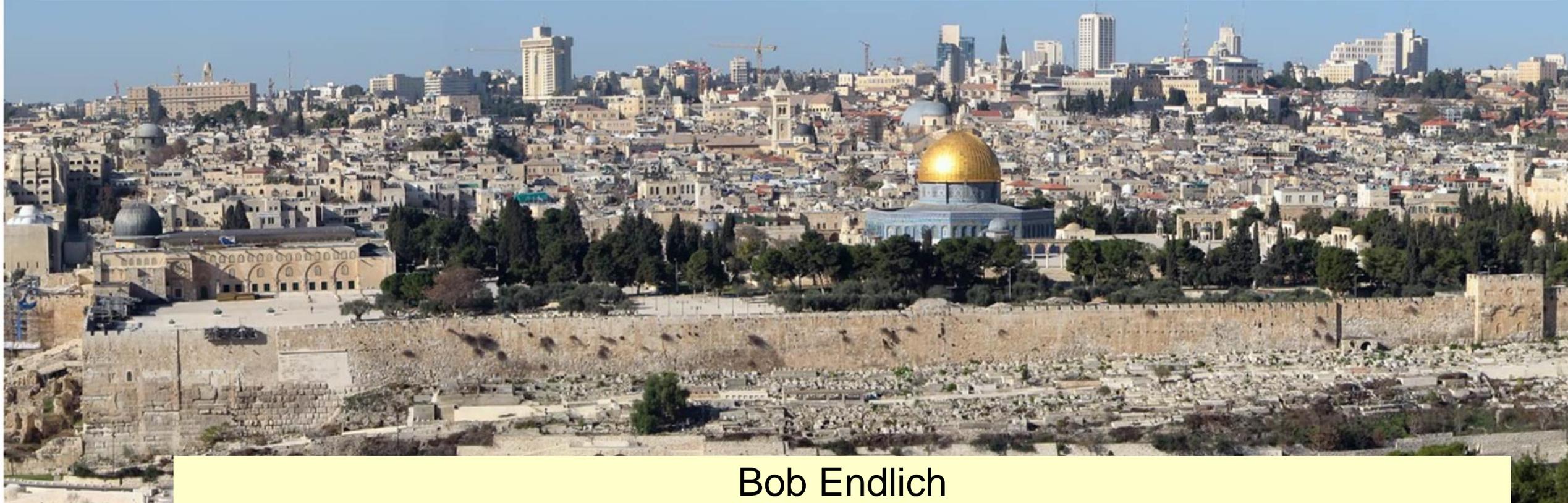


Geographic, Geologic, and Historic info on locations we visited in Israel



Bob Endlich

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20 Jun 2020

We start with topographic maps of Israel.

Our visit started at the David Ben Gurion Airport near Tel Aviv, and we drove to Jerusalem, ~2500 ft MSL. The next day we drove from Jerusalem to the Dead Sea Desert.

Observe the Dead Sea depression on the map, with the deeper green tint. The En Gedi beach is -1388 ft MSL “Lowest Spot on Earth.”

Also observe Galilee, Judea and Samaria, historic regions from Biblical Times.

<https://jr.co.il/pictures/israel/maps/topography-map-of-israel.jpg>

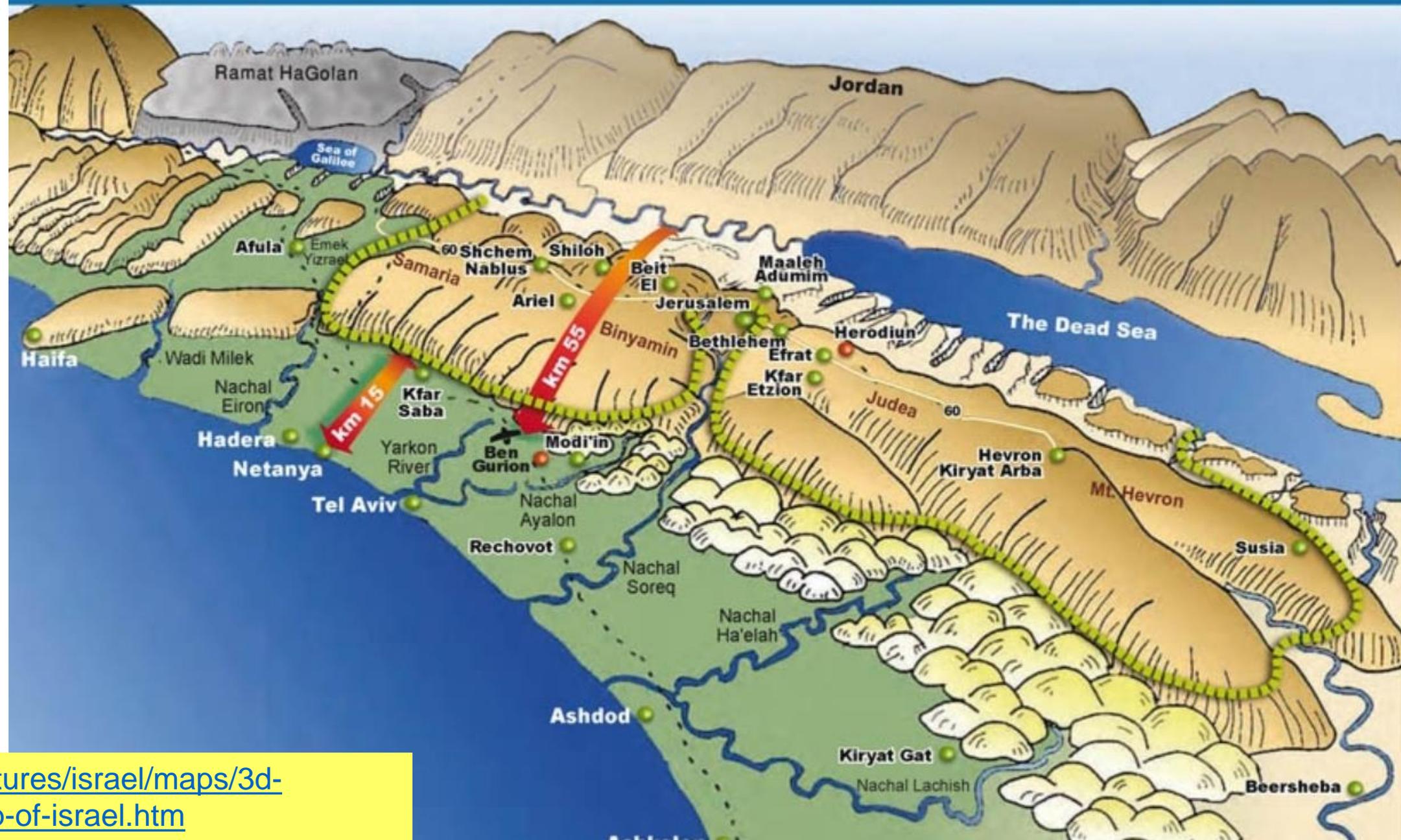


ISRAEL

Topographical map of
Central Mountain Range and
Northern Galilee Region.



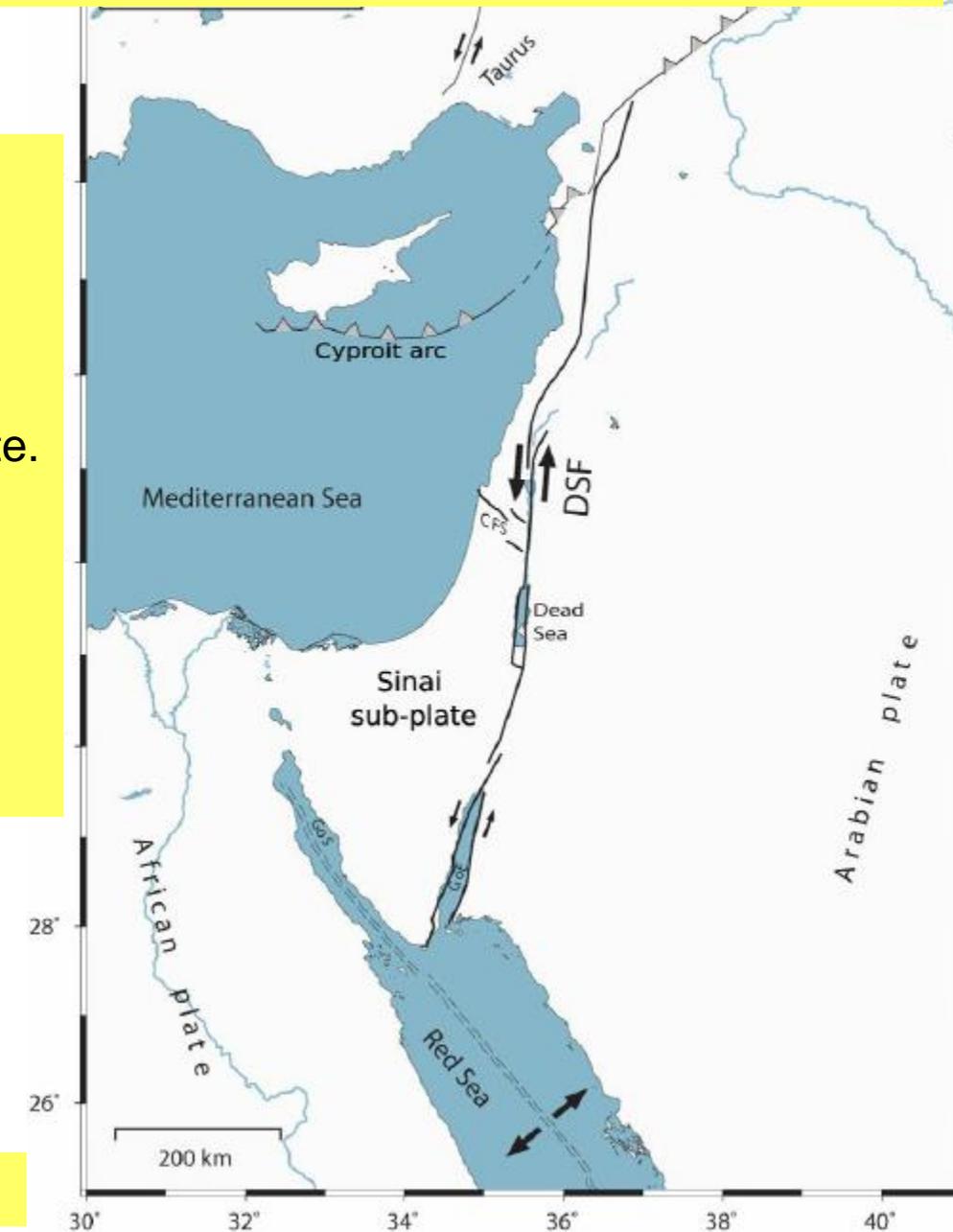
3D Illustration of the Land of Israel





The Dead Sea Fault, DSF, traces the plate boundary between the African Plate and the Arabian Plate.

This fault valley is also a rift valley; it explains much of the geography of Israel.



Rainfall in Israel

https://www.climatestotravel.com/climate/israel#west_coast

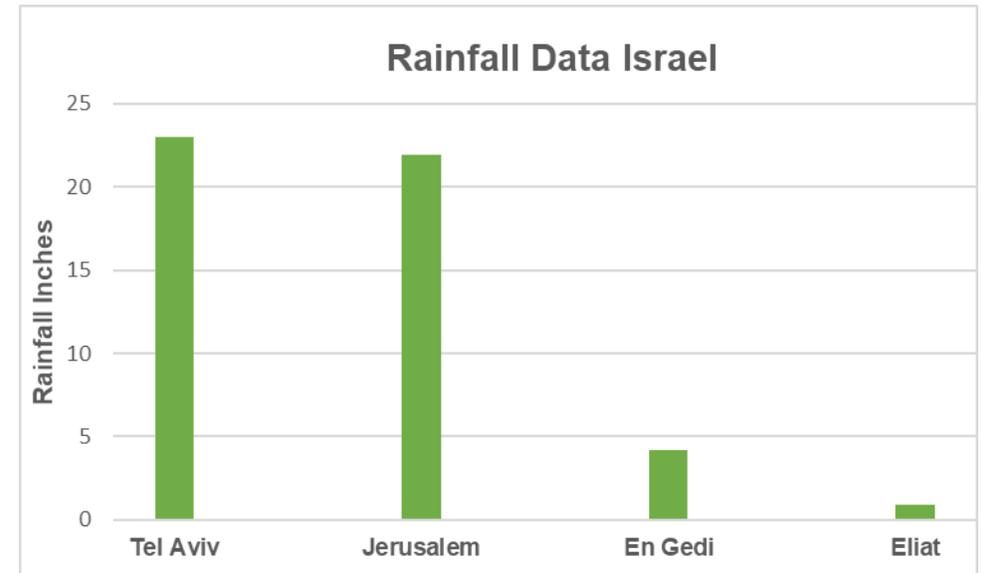


Tel Aviv 585 mm = 23 in

Jerusalem 555 mm = 21.9 in

En Gedi 107mm = 4.2 in

Eliat 22mm = 0.9 in



Friday, 14 Feb 2020

Ben Gurion Airport 135 Ft MSL

Old City 2475 ft MSL

Saturday, 15 Feb 2020

Breakfast in Jerusalem, 2475 ft MSL

We descended more than 3860 ft to En Gedi.

Qasr el Yahud, Jesus' Baptismal site on the Jordan River.

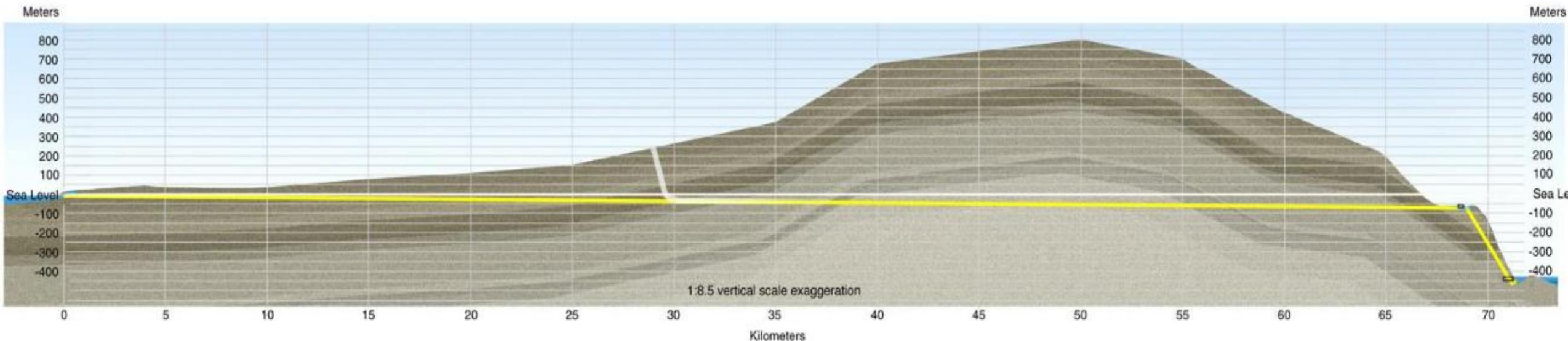
Qumran National Park, Dead Sea Scrolls site

En Gedi, Lowest Place on Earth, 1388 ft below sea level.

Ein Bokek Beach on the Dead Sea

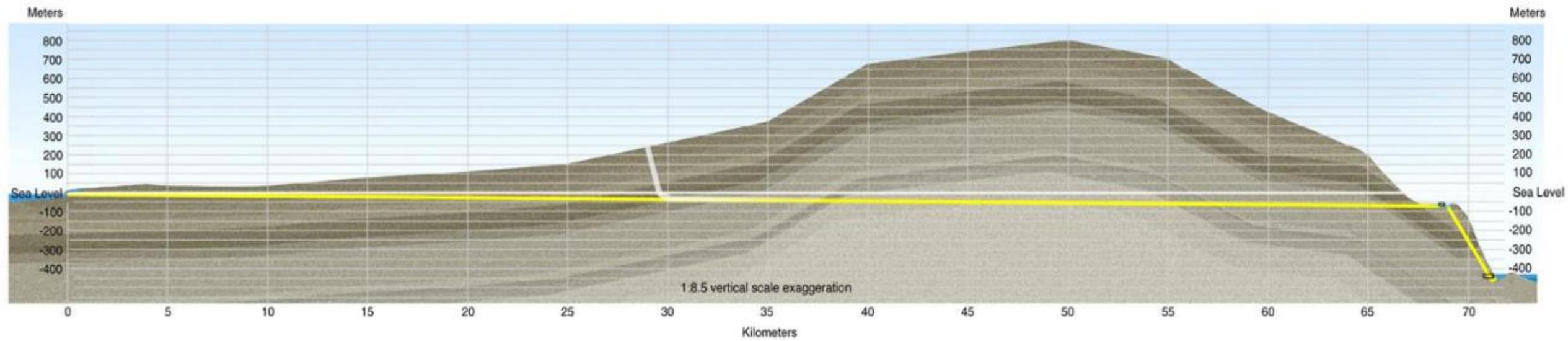
Terrain cross section from Mediterranean Sea on the left, and the TLV airport, ~30 meters, to the height of Jerusalem, ~755 meters, and steeply down to the Dead Sea ~-425 meters.

Dead Sea Power Project Overview



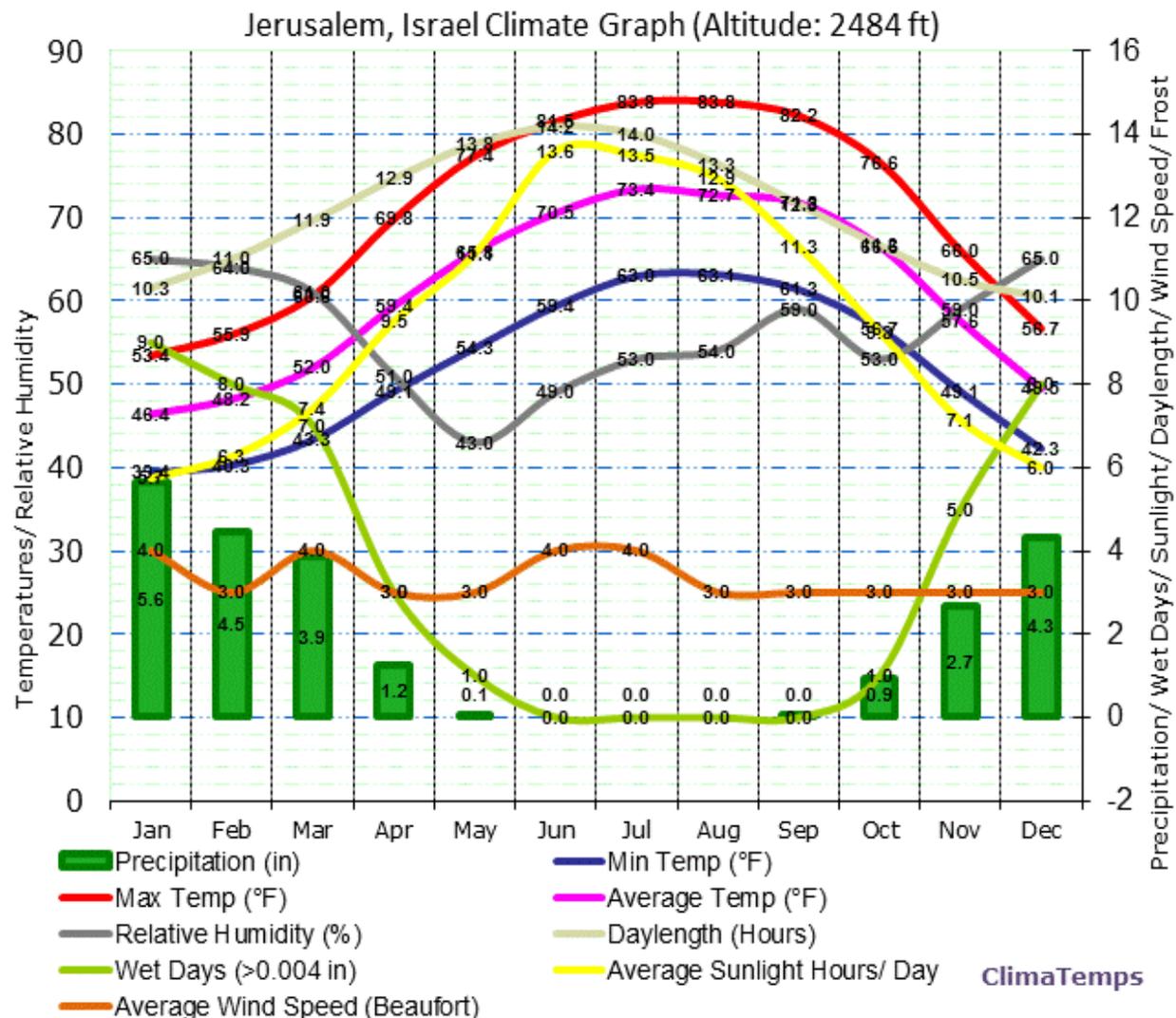
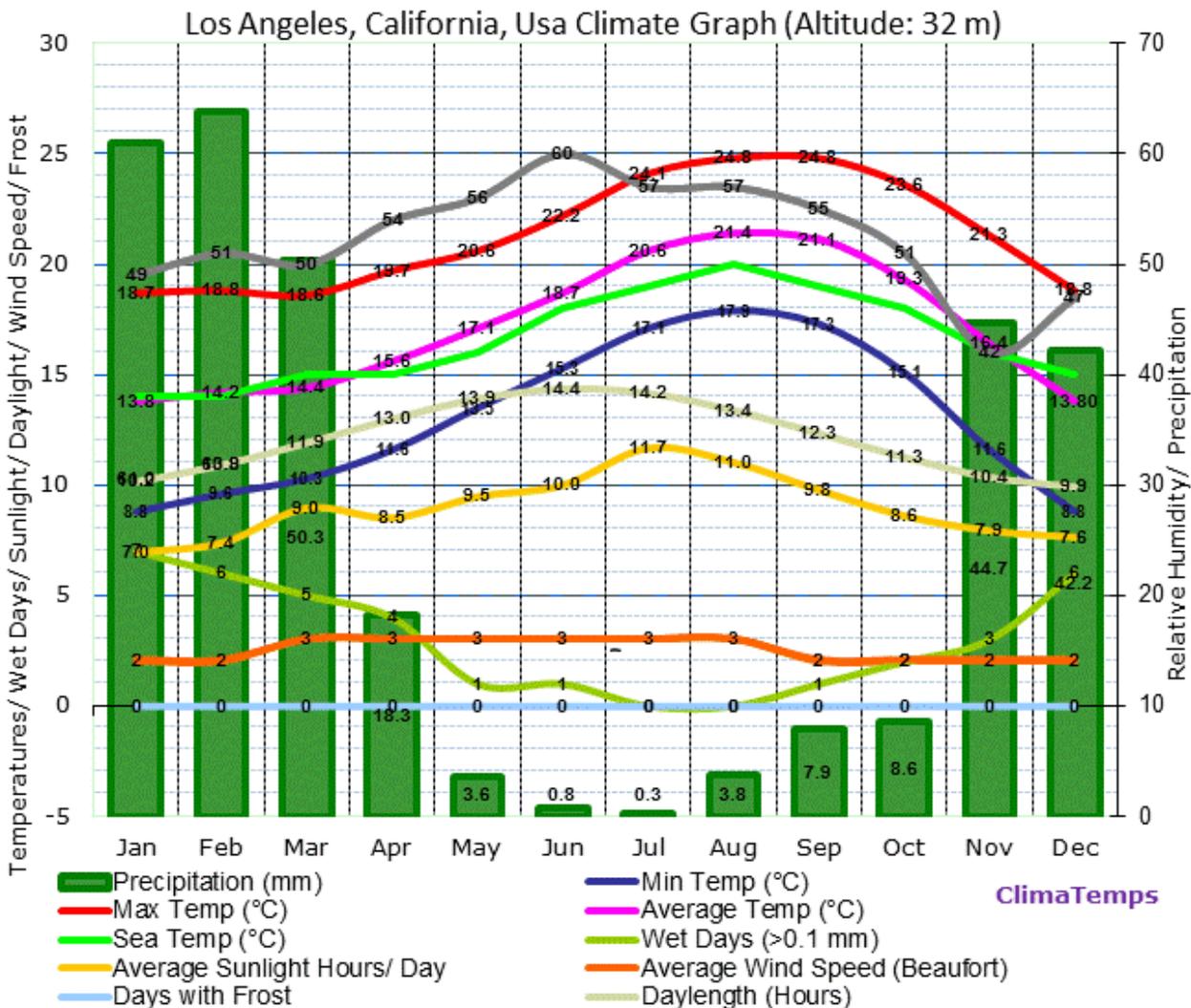
Tunnel and Penstock Profile

The Dead Sea Power Project, a proposal to bring Mediterranean Sea water to an electrical power station near the Dead Sea, would provide electricity to the area and save the Dead Sea from further drying up, proponents say, http://deadseapower.com/project_review/#/



Comparison of climates: Los Angeles, CA, USA, left

Jerusalem, Israel, on the right





Panorama view of Jerusalem, facing West, and as seen from the Mount of Olives. The walled Old City with the Temple Mount and the Dome of the Rock are in foreground.

Government Center... West Jerusalem...Commercial Center



City of David,
northernmost extent.

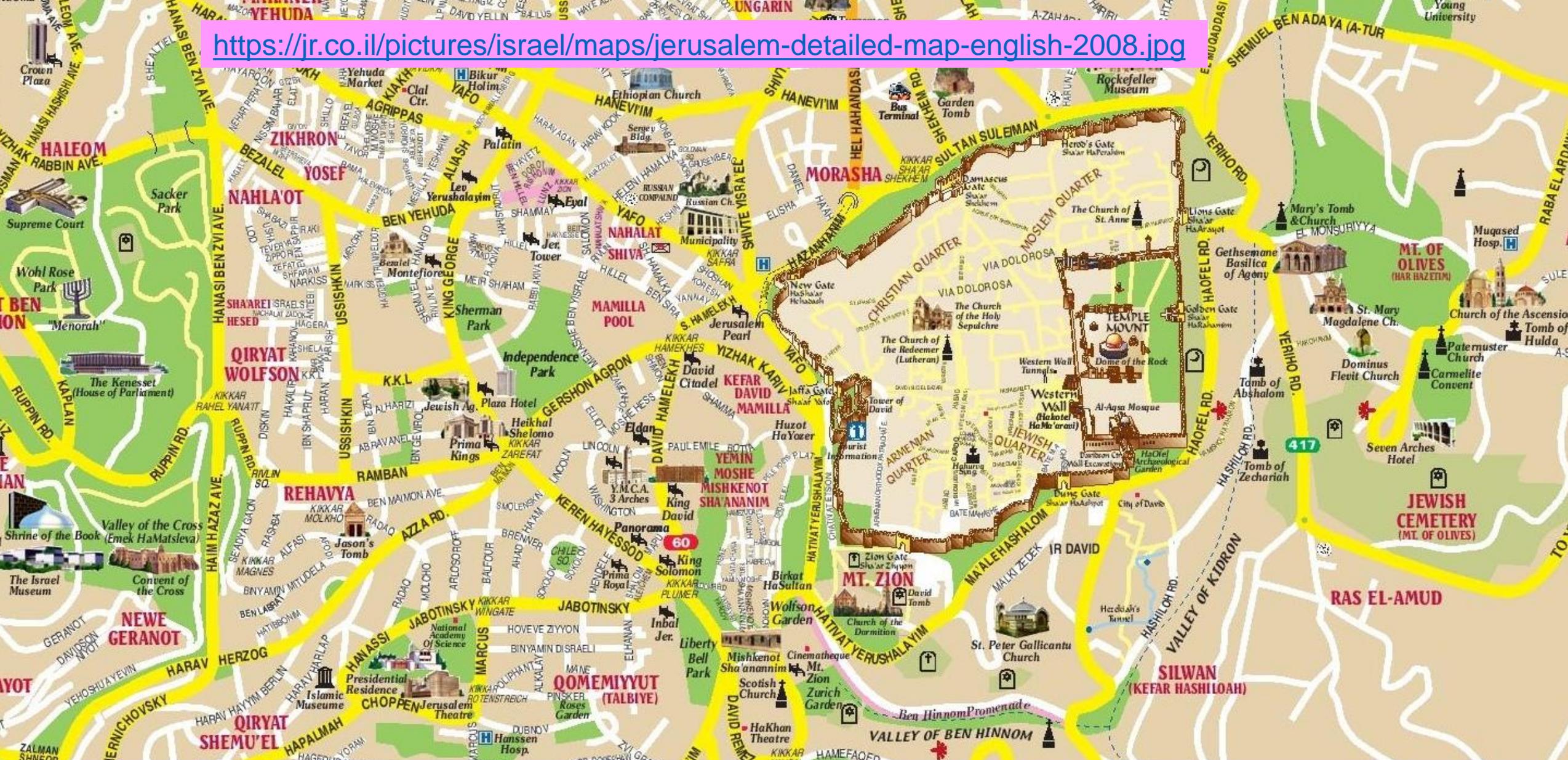
El Aqsa Mosque

Temple Mount

Dome of the Rock

Golden Gate,
sealed since
Middle Ages

<https://jr.co.il/pictures/israel/maps/jerusalem-detailed-map-english-2008.jpg>



Map, facing north with walled Old City set off with the brown wall. Note Valleys of Ben Hinnom and Valley of Kidron. Inner wall sets off the Temple Mount, itself having walls built by King Herod, where the Second Temple was built, then destroyed by the Romans in AD 70.



Western Wall Plaza, the Western Wall (Wailing Wall) and the Dome of the Rock on the Temple Mount in background. The Western Wall Plaza was the location of the Mughrabi Quarter (Moroccan Quarter) for more than 700 years; the quarter was razed by Israeli forces three days after the Six-Day War in order to broaden the narrow alley leading to the Western Wall. Visitors to the Temple Mount must pass a security checkpoint off screen right, and walk up the elevated sidewalk (light & dark grey structure, right) to enter near Al-Aqsa Mosque, mostly out of view to the right.

Temple Mount and portions
of the Old City

Exit and souk

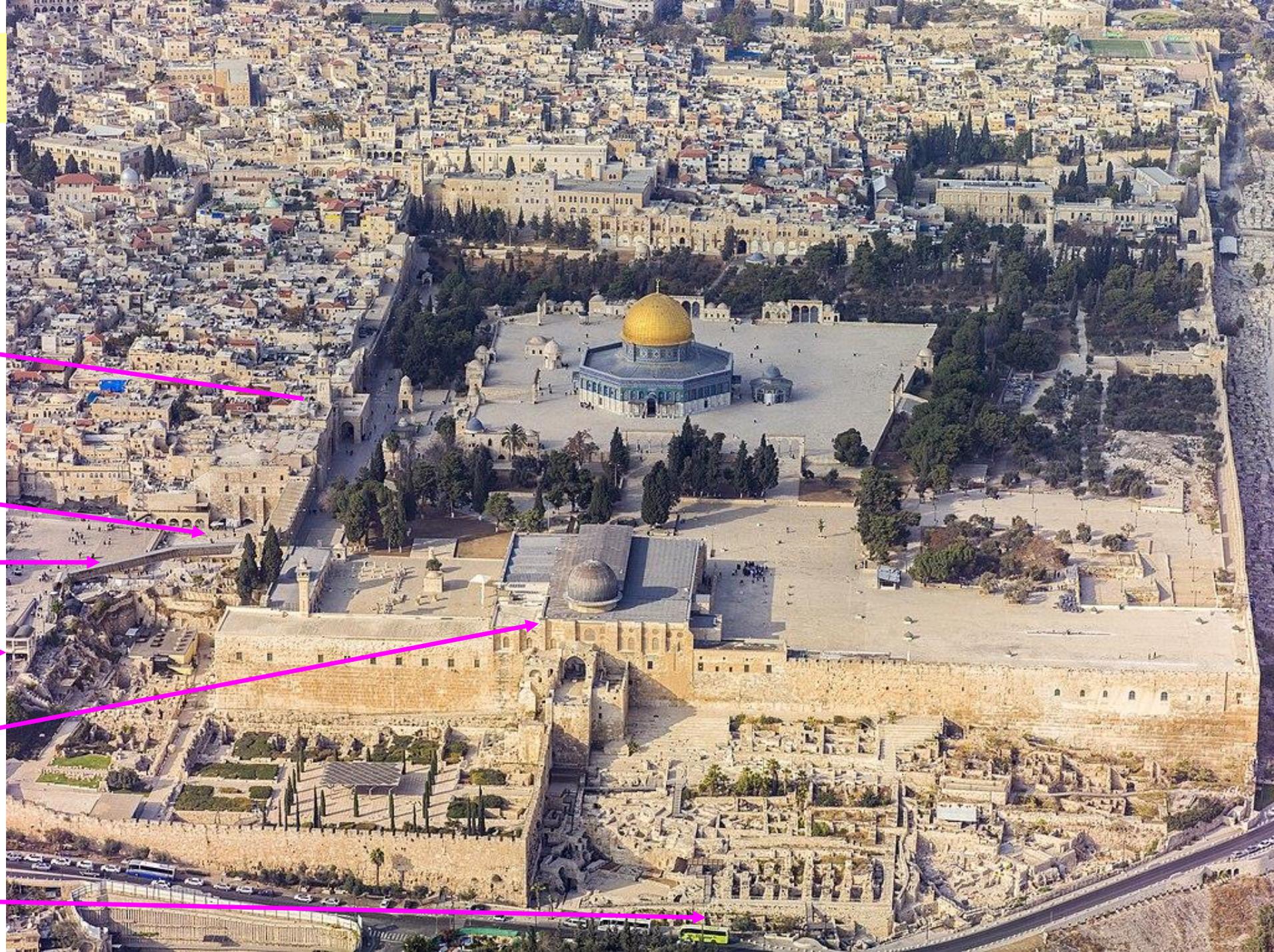
Western Wall Plaza

Elevated Sidewalk

Security Checkpoint

Al-Aqsa Mosque

City of David, both sides
of road near chartreuse
bus





The Kingdoms of David and Solomon (1077 - 997 BCE)

King David ruled Israel from 990 BCE to 968 BCE; and his son Solomon ruled after him until 928 BCE. David enlarged his kingdom and brought it to the peak of political and military power. Solomon "ruled over all the kingdoms west of the Euphrates River from Tiphseh to Gaza; he was at peace with all his neighbors" (I Kings, 4:24).

King Hussein flying over the Temple Mount in 1965, when it was under Jordanian control.

