

pg. 77

1. F Afghanistan : Open sewers, failed septic system
2. E Iraq : War has damaged water treatment facilities
3. D Turkey : Oil spills from ships pollute the Black Sea
4. B Israel : Battles over water rights to Jordan River
5. C Saudi Arabia : Harsh climate has lead to desalination of seawater
6. A Iran : Less water to irrigate pistachio trees

Pg. 77-78 Chapter 15 : SS7G7

Middle East climate varies but mostly arid with hot dry summers and cold winters. Coast of Northern Iran (Caspian Sea) 80 inches of rain - Iran deserts may have no rain for years. Saudi Arabia - 9 inches a year; average temp 79 degrees F. In Turkey capital Ankara, January average temp 32 degrees.

Oil : Dense populations where oil is found. Natives/outsideers because of good jobs.

1930s: huge oil reserves discovered in Saudi, and lesser extent Iran/Iraq. Industrialized countries saw M.E. as source of oil for cars and factories. Before 1930s, M.E. not viewed as vitally important to world economy.

Uneven distribution of oil: some rich countries. Iran/Iraq most populated but both countries suffered from war and mismanagement of oil money. Saudi Arabia went from very poor to very wealthy society. Turkey benefited from transportation hub for oil-rich countries moving product to Europe. Afghanistan profits as transportation link of oil from Central Asia to Arabian Sea. Israel has plentiful oil/natural gas for energy security for country.

Traditional ways of life disappearing. 1960s Saudi Arabia was nomadic/semi; because of oil 95 percent live in cities or oases. Saudi - largest oil producer (13.15 percent in 2011) [Why is US trying to develop other energy sources?]

Pg. 79 (See book for more facts)

1. T Saudi Arabia has largest oil reserves in M.E.
2. T Turkey profits from oil by transporting it.
3. F Iran has 10 billion fewer barrels of oil reserves than Iraq.
4. F The discovery of oil has had little effect on the M.E.
5. T Oil has changed where people live in M.E.

Where Live/Work

In M.E. people adapted to climate/land to earn a living.

2.8 million square miles of land in M.E. much of it desert. In last 50 years moving to cities/oil areas. In Saudi, only 1 percent remains nomadic herders - huge areas where 1 person per square mile.

Follow Water

Throughout M.E. cities built along rivers. Away from cities, farmers grow crops by rivers/river valleys as done since ancient times. Afghanistan has little farmland - 12 percent of land can be used. Most farming in valleys with irrigation from few rivers or springs. Majority of population works on small farms or raises livestock. In every country with deep-sea harbor, population swells around port cities because of jobs in transportation, shipbuilding, repair. Turkey major port cities around Mediterranean, Aegean, and Black Seas. In Saudi, ports around Red Sea and Persian Gulf.

Pg. 80

1. The most common landfall in M.E. is: B. desert
2. Cities grow up around rivers to take advantage of C water.
3. The land between the Tigris and Euphrates rivers has been valued since ancient times because of A fertile soil.
4. The trend in Saudi Arabia to move from desert to urban areas has happened over last A 50 years.

Transportation

Getting from here to there is often challenging in M.E. Many different means of transportation.

Iraq: Number of people driving growing, new roads. Public transport = railway, airport, highways. 1 of 4 households own car. Urban areas gridlock/air pollution. Slums in outskirts, little transport or employment.

Afghanistan: RR increasing. Pile on buses/trucks (roofs) along with animals/produce. Women ride in front separated from men. City dwellers bicycle/bus, but most cities lack public transport. In country donkeys, horses, camels.

Turkey: drive or bus modern inexpensive bus system. Most goods and people travel on extensive road network because RR is in need of repair/upgrading. 20 international airports/30 domestic airports.

Iran: In 2008 113 cars per 1000 people. Cities mass transit, government plans rail expansion with electrified track.

Pg. 81

1. 1250
2. 1990s
3. 1970s
4. about 400,000

1. B Afghanistan
2. A Iran
3. C Iraq
4. D Israel
5. E Turkey