### Ch 14.1 Notes

# Physical Geography of Eurasia

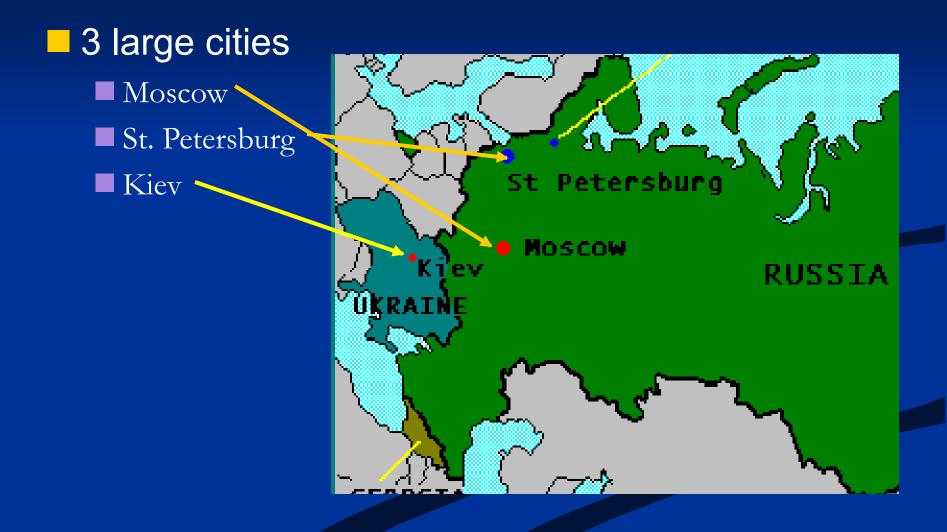
The Land

### **Plains Area**

- The North European Plain
  - center of economic life for <sup>3</sup>/<sub>4</sub> people
  - Chernozem rich black topsoil
    - Europe's best farmland -Ukraine



### Major cities in N. European Plain



# Major rivers in N. European

### Plain

Volga
Dniester
Dnieper
Don



### West Siberian Plain

E. of Ural Mts. 1 million sq. mi. Swamps, marshes and frozen land Not good for ag Evergreen and swamps cover N. 2/3rds

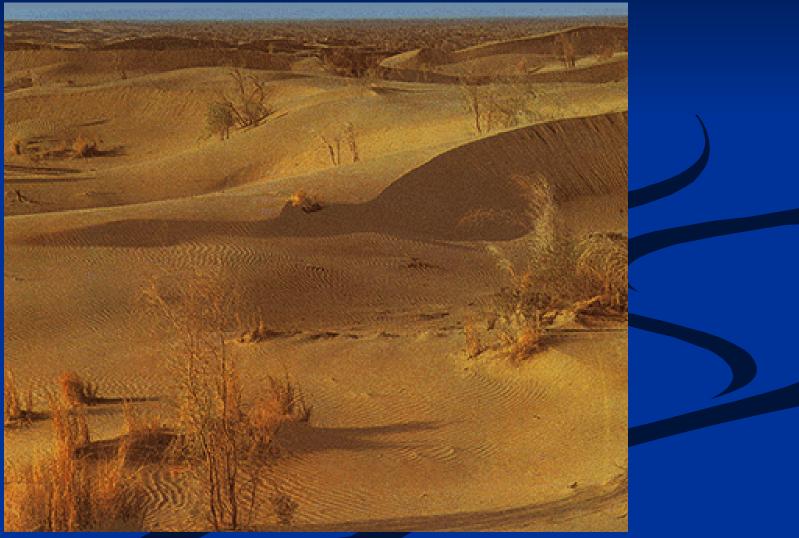


### Turan Lowland

# Between Caspian Sea & Tian Shan Mt. range Kums – desert areas covered in sand dunes

### Kara kum - Turkmenistan

#### Black Sand desert



### Kyzylkum – Uzbekistan

#### Red sand desert



### **Mountains and Plateaus**

 Alpine system of Europe
 Carpathian
 Caucasus
 covered with trees



### Caucasus Mts.

# Borders Azerbaijan and Georgia Mt. Elbrus



### Pamirs

Borders Eastern Tajikistan Communism Peak **KYRGYZSTAN** 24, 590 ft. . Osh AN Khujand Lenin Peak CHINA TADJIKISTAN Korzhenevskaya Peak Gharm JSHANBE Communism Peak Murghob Kulob Khorugh FGHANISTAN PAKISTAN

### Tian Shan- "heavenly mts." in Chinese

Kyrgyzstan
Some of the world's largest glaciers



## Ural Mts.

1,500 miles
Divides European and Siberian Russia/Asia
Shortened due to streams and wind erosion



# Eastern Siberian Uplands

Largest region of Siberia
forests, mts., plateaus
Extends to Pacific Ocean



### **Central Siberian Plateau**

### Between Yenisey and Lena River



### Seas and Lakes

 Northern Russia
 Barents & E. Siberian Sea
 Ice covered most of year
 Bearing & Okhotsk



### Seas and Lakes

#### Bearing & Okhotsk



# S. Russia

#### Black Sea

 Warm water
 Flows into the Mediterranean Sea through the Dardanelles



### Middle Russia

#### Caspian Sea

- Largest inland body of water
- salt water lake
- Shrinking due to less incoming water

#### Aral Sea

Shrinking due to irrigation and poor government laws preventing it



### Siberia

#### Lake Baikal

- Oldest and deepest in world
- 1/5 earth's total freshwater



### Rivers

#### Long and navigable East flowing CHUKOTSK PENINSULA Bering East EAN Siberian Franz New Sea Josef Amur Siberian KOLA Islands Severnaya 🧠 MAR RANGE Islands Zemlya Novava aptev Sea South flowing Barents Zemiva Sea THOYANSK RANGE Ural & Volga HOUMANNS San Sea of NORTH S IBER Arctic EAST Okhotsk North flowing UROPEAN CENTRAL WEST SIBERIAN Sakhalin PLAIN SIBERIAN UPLANDS Island SIBERIAN Lena, Ob, Yenisey PLATEAU PLAIN Frozen much of year PIAN Frozen much of year FIAN BAIKAL SAYAU AINS MTS Lake Baika 510 ft. KAZAKH 2 m) UPLAND Lake ALTAI Balkhas MOUNTAINS TURAN 500 mi. LOWLAND

KARA KUM

KYZYLKUM

DESERT

TIAN SHAN

Communism Peak (24,590 ft., 500 km

Sea

# Volga River

### Longest in European Russia ■ 2,193 mi. long empties into Caspian Sea Frozen 4-6 months Resource Hydroelectric power municipal water supply industries & irrigation trade & communication



## Siberian Rivers

#### Amur

- only one that doesn't flow North
- only major food producing area in E.
   Siberia
- 4 Siberian rivers among 12 longest in World
  - Lena, Ob, Yenisey, & Irtysh



### Natural Resources

Rich in natural resources
 Largest producer of manganese & chromium
 2<sup>nd</sup> largest producer of gold
 Coal & Lignite – Russia, Kazakhstan, Ukraine together have 20% of world's supply
 Tyumen oil field produces more oil in a day other than the U.S. or Saudi Arabia

# Minerals & Energy

Leads in coal, copper, silver

- <sup>2nd</sup> in gold, lead, salt, tin, tungsten and zinc
- Other minerals iron ore, nickel, asbestos, chromium, bauxite, antimony, manganese, precious stones

Turkmenistan has world's largest deposit of sulfur and sodium sulfate

Gas & oil in nearly all republics

Hydroelectric power – lead the world in production

### Minerals & Energy



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# Soils, Forests, Wildlife, & Fish

Black Earth Belt

Ukraine to SW Siberia

Chernozem – in Ukraine made it the bread basket of the USSR

leading producer of wheat, rye, oats, barley, and sugar beets

Forestland

Belarus – <sup>1</sup>/<sub>4</sub> covered in hardwood forest

 $\square 1/5$  world's lumber supply

### E. Siberia

### Siberian Tiger – endangered



Other wildlife – bear, fox, reindeer, elk, lynx, deer, wolf, wildcat, sable, boar
Fish

Salmon
Barents Sea – herring, cod, halibut
Caspian Sea – carp, sturgeon