

The Marshall plan

- Reconstruction of Western Europe
 - Helped Europe rebuild (\$12.2 billion over 4 years)
 - Great success in resisting communism
- Cold War
 - Truman started policy of confronting USSR, ideologically
 - Re-organized military services (USAF)
 - Created CIA



Marshall Plan recipients; red bar Shows relative total aid per state

Cold War in Europe, 1948-53

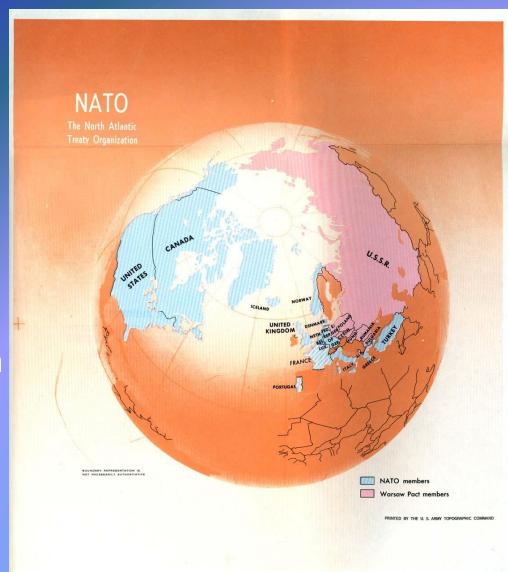
- Marshall Plan "saved" Western Europe
- First crisis of Cold War = Berlin Blockade
 - US, RAF airlifted 2.3 million tons of food, supplies on 278,000 flights to Berlin





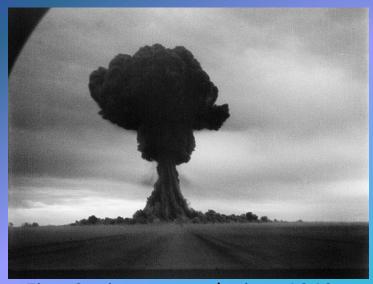
Formation of NATO, Warsaw Pact

- April 1949: North
 Atlantic Treaty
 Organization (NATO)
 formed
 - Defense pact among western nations
- Soviets formed "Warsaw Pact" in 1955, in reaction to West Germany joining NATO



The Soviets Get The Bomb

- Soviets had been working on atomic weapons since 1930s
- Post WW2, Stalin gave program highest priority
- Exploded first bomb in 1949
 - Espionage helped Soviets avoid mistakes (Rosenbergs)



First Soviet test explosion, 1949



Julius & Ethel Rosenberg, post-conviction

Korean War (1950-53)

- Korea divided at end of WWII
- 6/25/50: North invaded across 38th parallel
 - UN condemned action
 - US promised military support
 - North advanced quickly; South military disintegrated
 - "Pusan Perimeter"



Korean War

- Inchon Landing (9/15/50)
 - "End Run" around North
- UN forces pursued North across 38th parallel
 - Captured Pyongyang
 - North's army disintegrated



Korean War

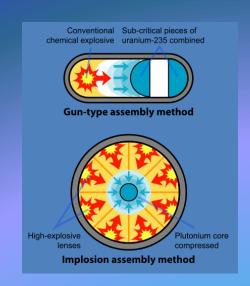
- Chinese intervention
 - Chinese concerned about invasion by UN across Yalu River
 - 11/1/50: 250k Chinese
 "volunteers" attacked UN troops in North Korea
 - Pushed UN troops across
 38th Parallel
 - Truman fired MacArthur!!!
- 1951-53: <u>Stalemate</u>
- July 27, 1953: armistice signed, ending war, after Stalin died – "DMZ"

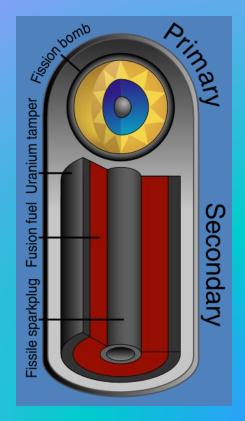




Nuclear Weapons, 1950s

- Nuclear (fission) bomb ("Atomic bomb")
 - Dropped on Hiroshima, Nagasaki
 - Least "technical" bomb to build
 - Yield = 500 kt (500,000 tons of TNT)
- Hydrogen (fission + fusion) bomb
 - Thermonuclear device
 - Developed 1952 in US, 1955 USSR
 - Yield = sky's the limit (largest detonated = 50 megatons, or 50 million tons of TNT)





1950s Cold War Nuclear Strategy

US strategy

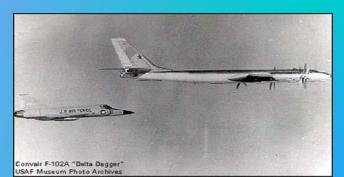
- Strategic in nature (massive response, against Soviet cities)
- Based on jet propelled bomber fleet (until 1960s)

USSR strategy

- Limited strategic use b/c of technical limitations (until ICBMs developed, in 1957)
- Conventional war would follow
- Anticipated use of tactical (battlefield) nuclear weapons against enemy troops in Europe



Bomber tracks from USSR, 1951



1956 Crises





- 1956: Year of turmoil
 - Hungarian revolution:
 encouraged by RFE,
 Hungarians revolted against
 USSR; US did not support
 them & thousands died
 - Suez crisis
 - US, UK refused to support Egypt for construction of dam
 - Egypt nationalized the Suez Canal
 - Brits, French, Israelis capture canal W/O US approval

US Response to Crises



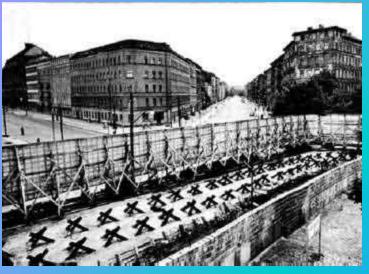


- Forced a cease fire on all parties
 - Ike threatened to sell off
 British bonds & destroy
 British economy
 - Started oil embargo vs.
 British, France
 - PM forced out; French,
 British troops replaced by
 UN peacekeepers (there until 1967)

Berlin Wall, 1961

- August 13, 1961: Border between E. Germany and W. Berlin closed
- Berlin Wall began being built on border between E, W Berlin
- JFK ordered 150,000 troops to W. Berlin
- Standoff w/ East German troops continued through summer of 1962





The Bay of Pigs (1961)

- Castro seized power in Cuba, 1959
- Prior to invasion, US "owned" Cuba
 - Pro US government
 - US owned 4/5 of island utilities
 - ½ of sugar production
 - Nearly all mining
 - Mob dominated casinos
- Overthrowing Castro became focus for CIA





- Feb. 1962: JFK est.
 economic embargo of Cuba
- Castro was convinced of imminent US invasion
- Khrushchev decided to secretly place med. range nukes in Cuba



- Crisis at peak from October 8-28, 1962
 - 10-14: U2 photos showed proof of buildup
 - JFK, 10-22-62: "It shall be the policy of this nation to regard any nuclear missile launched from Cuba against any nation in the Western Hemisphere as an attack on the United States, requiring a full retaliatory response upon the Soviet Union."



- US est. strict quarantine on Cuba
- Intense negotiations between JFK, Khrushchev
 - Khrushchev: US "pirate action"
 - USSR position: Trade nukes in Turkey for nukes in Cuba?
 - US: no just get'em out of Cuba
- Defcon 2, nukes loaded for attack against USSR



Resolution

- Khrushchev publicly agreed to remove Cuban missiles
- JFK agreed to publicly state that US would never invade Cuba
- Castro would publicly promise never to accept nukes in Cuba
- JFK secretly removed nukes from Turkey
- To world, it looked like Khrushchev "blinked"



Third World Arena

Non-aligned nations





- Non-alignment policy of small countries
 - Policy: peaceful coexistence with the 1st, 2nd world nations was preferable & possible
 - Played US, USSR off against each other for cash, rewards
- Creation of Org. of African States (1963)
 - African states banded together vs. 1st World

Third World Arena



- Organization of Petroleum Exporting Countries (OPEC) formed 1960
 - Resentment strong amongst oil producing 3rd World countries who were being exploited by West corps

"Prague Spring"



This anti-occupation poster shows the Soviet Army as liberator in 1945 and oppressor in 1968. One of the most popular slogans of the occupation was "Wake up Lenin, Breshnev has gone mad".



- 1968: new Czech president, Dubcek, came to power
 - Loosened restrictions on media, speech, travel
 - Soviets objected
- August, 1968: Thousands of Soviet troops and tanks moved in
- Crackdown, occupation continued until 1990

Development of Nuclear Strategy

- "Triad" of nuclear strategy
 - Land based missiles
 - Rockets for space program
 - Large launch facility vulnerable to attack
 - Missile silos first built in mid 1960s
 - Multiple Independently Targetable Re-entry Vehicles (MIRV) were game changers
 - Bomber fleet
 - B-52s continued to be updated
 - Submarine fleet
 - Ballistic missile subs first deployed in 1959

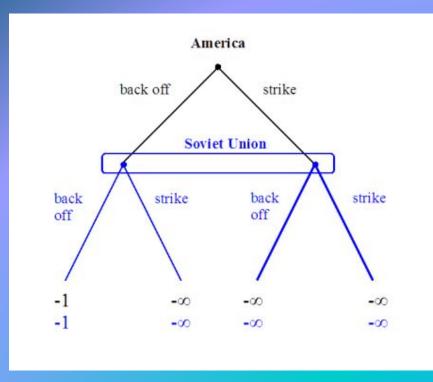






Development of MAD

- Mutual Assured Destruction
 - First strike nation would still be wiped out by second strike capability of other country
 - Each nation a rational actor, intent on self preservation
 - Doctrine depends upon credibility of the threat of second strike = continual investment, updating nukes



MAD Game Tree

1970s Thaw





- Nuclear arms control: Moscow
 Summit, 1972
 - Brezhnev, Nixon negotiated trade, arms control treaties
 - Strategic Arms LimitationsTreaty (SALT I)
 - Froze number of launchers
 - Anti Ballistic Missile (ABM)
 Treaty
 - Banned nuclear defense systems
- Era of "Détente" loosening of tensions

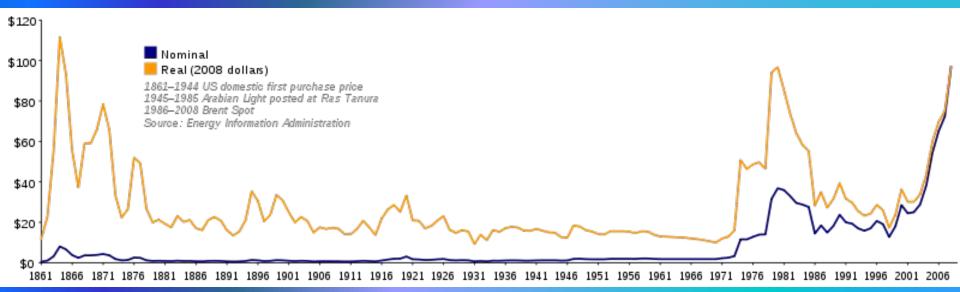
Middle East Tensions

- 1973 Yom Kippur War
 - Egypt, Syria (allies to Soviets)
 launched attack on Israel
 - US a strong supporter of Israel
 - Israel beat Egypt, Syria
 - US, USSR negotiated a truce
- Result
 - Arab punished US through1973 oil embargo



OPEC Oil Embargo, 1973

- To punish US, OPEC increased oil prices 70%; later, prices up by over 400%
- Oil production cut 25%
- Price increased & resulted in rationing of gas in US
- National speed limit of 55 MPH
- Search for alternative sources accelerated



The Carter Years

- Middle East
 - Egyptian-Israeli Treaty
 (1979) Egypt became first
 Arab country to recognize
 Israel's right to exist
- Iranian Revolution (1979)
 - 53 American hostages held444 days
 - Botched rescue attempt





The Carter Years

- SALT II (1979)
 - Limited launchers to 2,250 (all types)
 - No new strategic missile systems
- Soviet invasion of Afghanistan (1979)
 - Marxist revolution against muslim gov't
 - Nine year war
 - 29,000 dead, 53,000 WIA



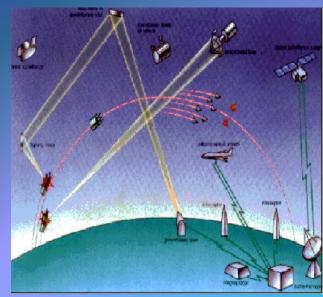
1980s: Beginning of the End

- Reagan's escalation of the Cold War
 - Reversed détente
 - Ordered massive buildup of the US military
- Challenged USSR in ideological terms
 - USSR was "an evil empire"
 - USSR would end up on "the ash heap of history"
- Forced the USSR into an arms race it couldn't afford



End of the Cold War

- USSR, US in arms race
 - Nuclear
 - Conventional
 - SDI: "Star Wars"
- USSR problems
 - Enormous military expenditures
 - Inefficient planned manufacturing
 - Collectivized agricultural system
- US persuaded Arabs to increase oil production, hurting Soviet export revenues





End of Cold War

- After 1985, Reagan shifted strategies
 - 4 summits in as many years
 - Pursued substantial arms agreements
 - Pressed soviets to allow more democracy, free speech
 - June 12, 1987: Berlin speech
 - Berlin Wall began to be dismantled in 1989
- 1991: USSR collapsed



