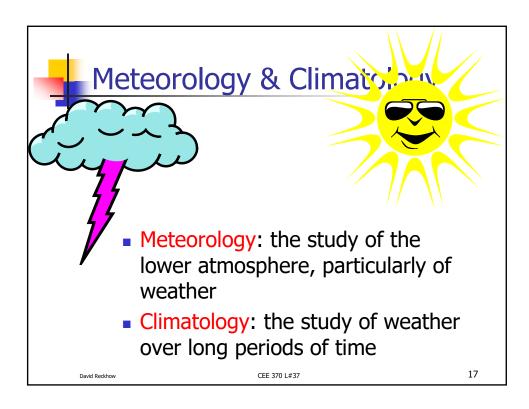
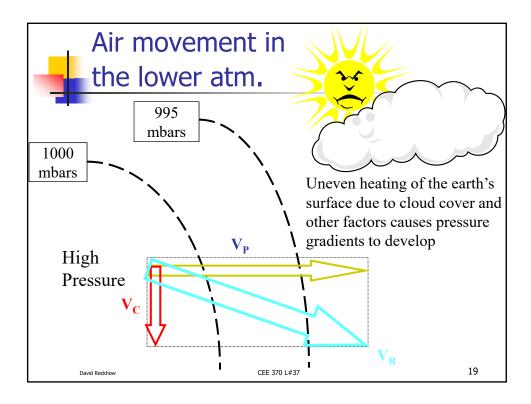
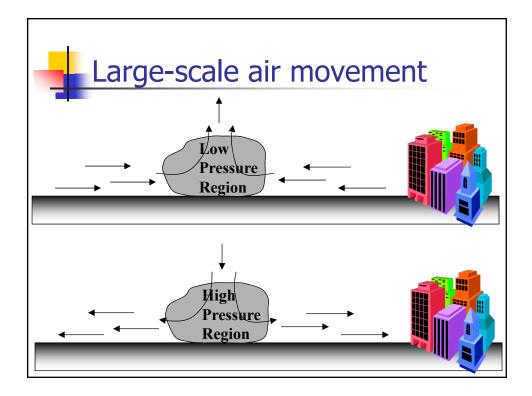


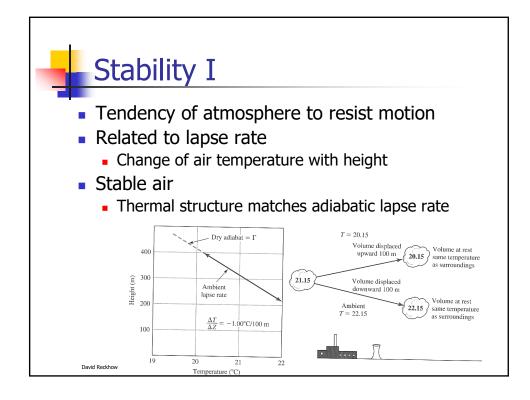
Majo	or Greenho	ouse Gas	es
Gas	Sources	Fraction of trapped energy attributable to gas	Annual increase in gas conc., percent
Carbon dioxide	Fossil fuel combustion	0.66	0.5
Chlorofluorocarbons	Vehicle and residential cooling systems, foams, aerosol propellants	0.10	4
Methane	Cattle, rice paddies	0.20	0.9
Nitrous oxide	Combustion processes	0.04	0.25
David Reckhow	CEE 37	0 L#37	16

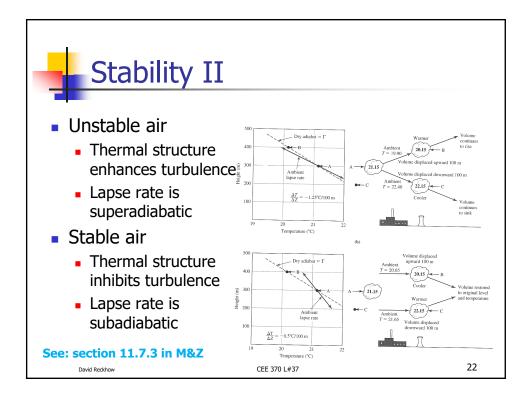


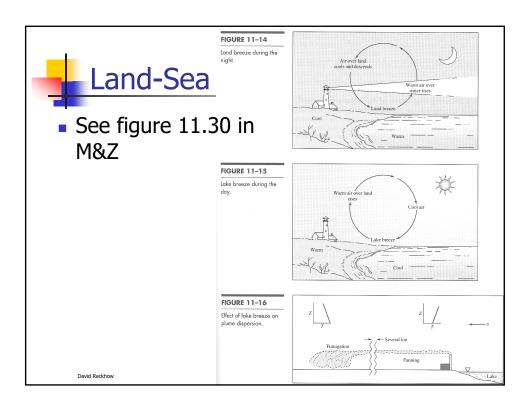
Composition Atmosphere		arth's	
Gas	Chemical Formula	Concentration, % by volume	
Nitrogen	N ₂	78.1	
Oxygen	O ₂	21.0	
Argon	Ar	0.9	
Carbon dioxide [*]	CO ₂	3.3 x 10 ⁻²	
Hydrogen	H ₂	5 x 10⁻⁵	
Ozone [*]	O ₃	1 x 10 ⁻⁶	
Methane [*]	CH ₄	2 x 10 ⁻⁴	
David Reckhow	CEE 370 L#37		18

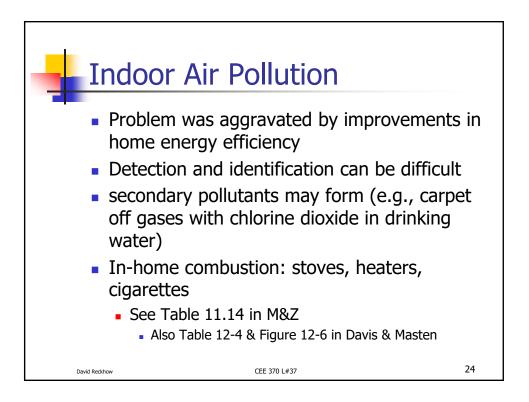




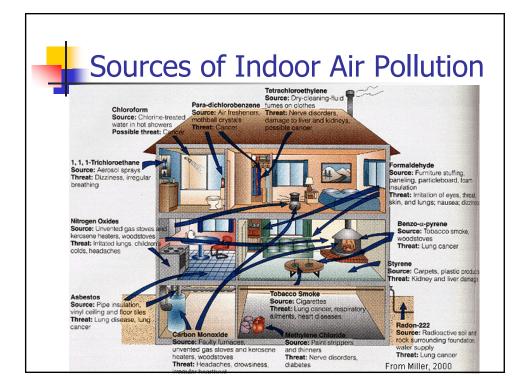


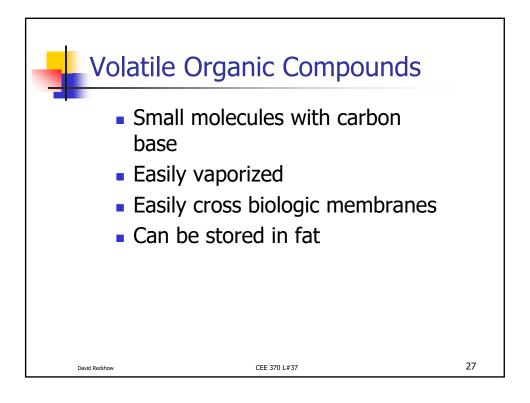


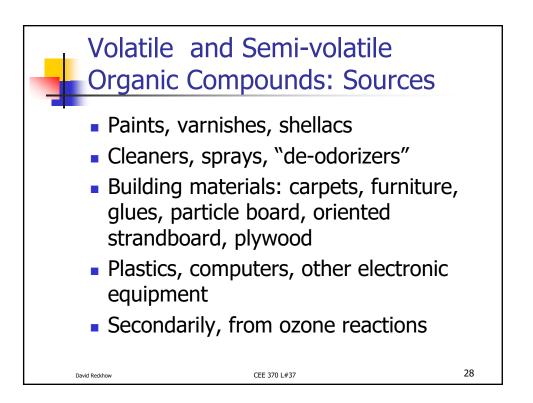


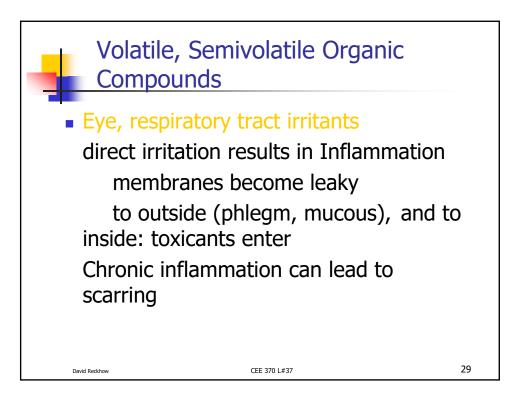


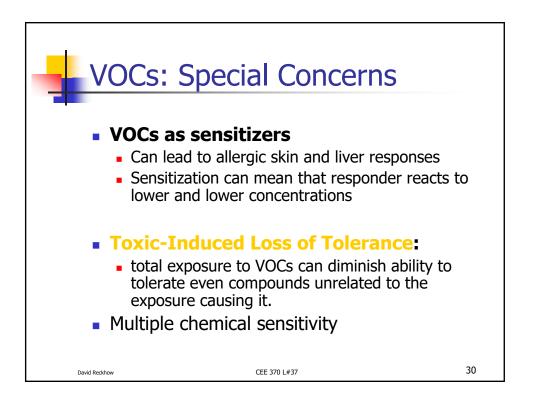
	Source	Contaminant	Effects
	Urethane foam building insulation	Formaldehyde	Carcinogenic
GS	Poor foundation or basement seal	Radon gas	Carcinogenic, particularly lung cancer
O	Ventilation systems	Mold	Allergies
Source	Old asbestos building insulation	Asbestos fibers	Carcinogenic
	Permeate from soil through basement floors and walls	Radon gas	Carcinogenic
	Heater and stove fumes	Products of incomplete combustion	Various
nommo	Household pesticides (for termites or interior insects)	Chlorinated or phosphorylated pesticides	Some chlorinated pesticides are known carcinogens
Ŭ	Secondhand tobacco smoke	Various, including nicotine, and nicotine decay products	Carcinogenic, increased bronchitis and pneumonia.
David Reckhow		CEE 370 L#37	25











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Southern PB	Pine MDF	Other PB	Pines MDF	Hardwood PB	MDF	Doug Fi PB
97	8	56	10	7	4	11
222	51	78	32	26	21	17
44	10	16	5	4	2	3
21	6	8	1	0	0	0
22	6	8	3	3	1	1
	ber emi Southern PB 97 222 44 21	ber emission Southern Pine PB MDF 97 8 222 51 44 10 21 6	Southern PBPine MDFOther PB9785622251784410162168	Southern PBPine MDFOther PBPines MDF9785610222517832441016521681	Pine MDF Other Pines MDF Hardwood PB 97 8 56 10 7 222 51 78 32 26 44 10 16 5 4 21 6 8 1 0	PB MDF PB MDF PB MDF PB MDF 97 8 56 10 7 4 222 51 78 32 26 21 44 10 16 5 4 2 21 6 8 1 0 0

