10/17/2018	Chapte 5 - Gass.
	Sht 1 th, 1 11
	5 tate of matter where particles are v. far apart!
	8 2
	Pressure
	Formally: pressure = force area
	J. P. A.
	p = f/A
	A
	Can measure atmospheric (air) pressure using a Mercury Barometer
	air pressure & h = 760 mm on a "standard day"
	h AIR @ sea level
	regular a mospheric pressure = latin
	mescury ahm = 760mm Hg = 760 toss (exact)
	Torricelli's parometer
	(1643) SI unit of pressure: pascal (Pa)
	(international system)
	1 Pa = 1 N/m2
	1 ahu = 101,325 Pa
	1
	1 alm = 29.92 in Hg = 14.7 psi about manometers
	lbs/in2 p200)



