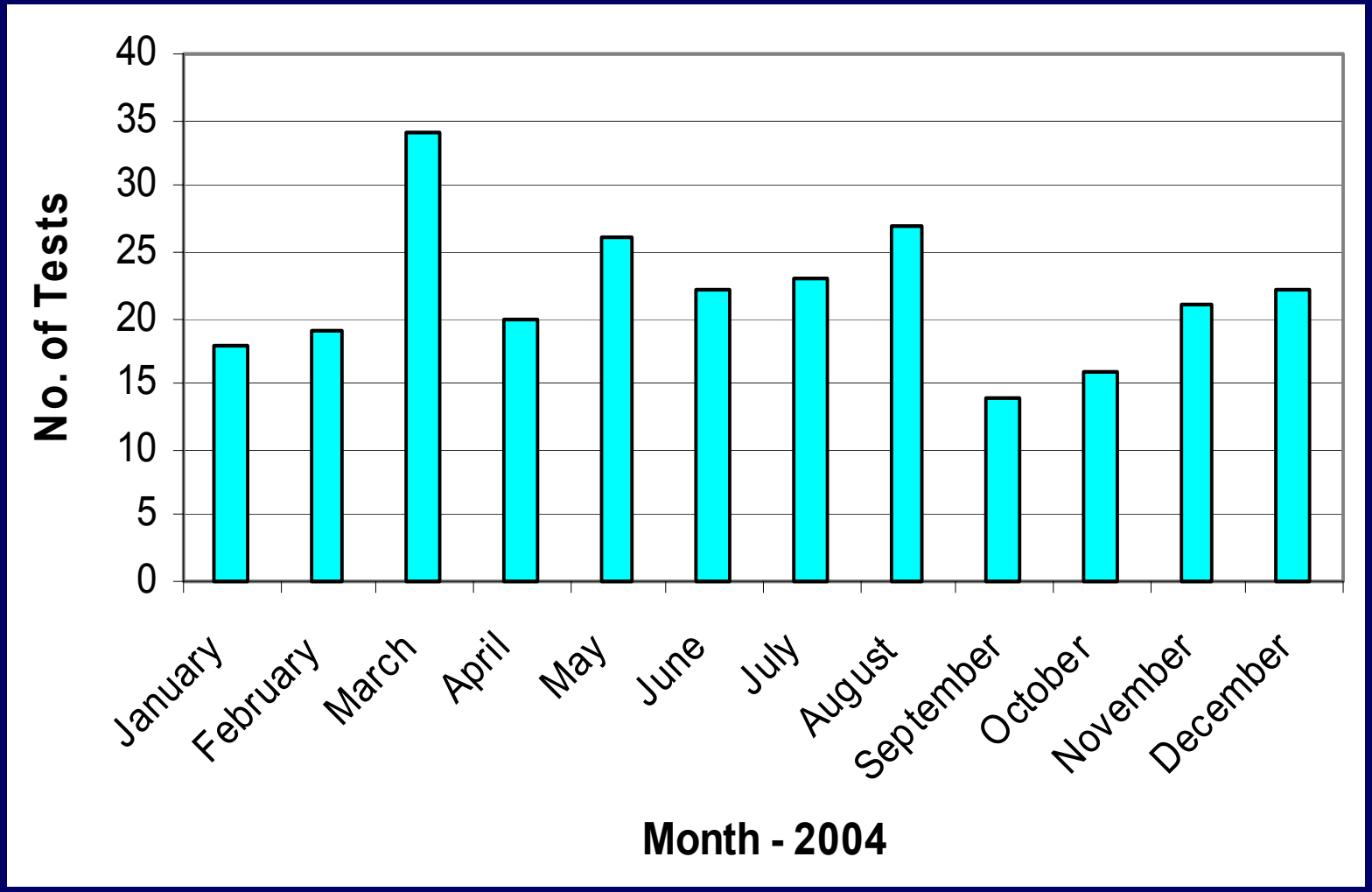
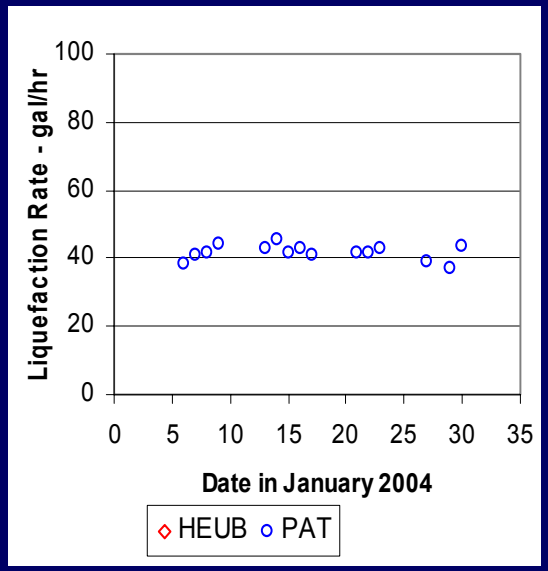
Cryogenic Operation in Building 902A January – December, 2004

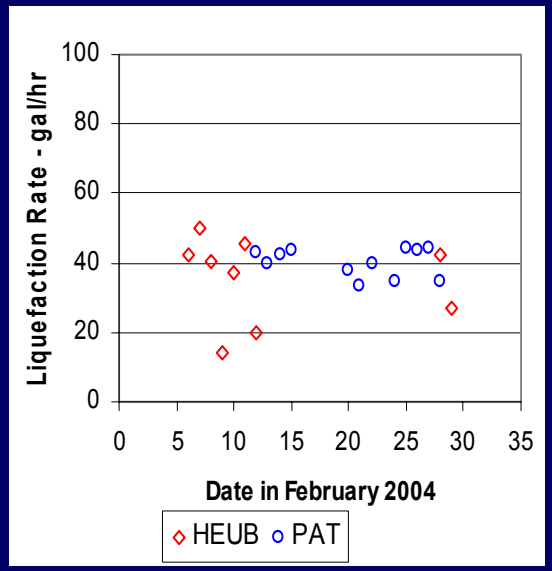
K. C. Wu
1/3/2005

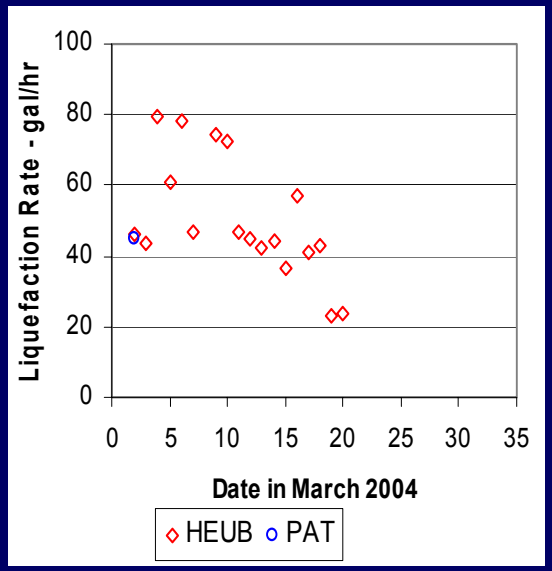
No. of Tests (Vertical plus Horizontal) per Month in 2004

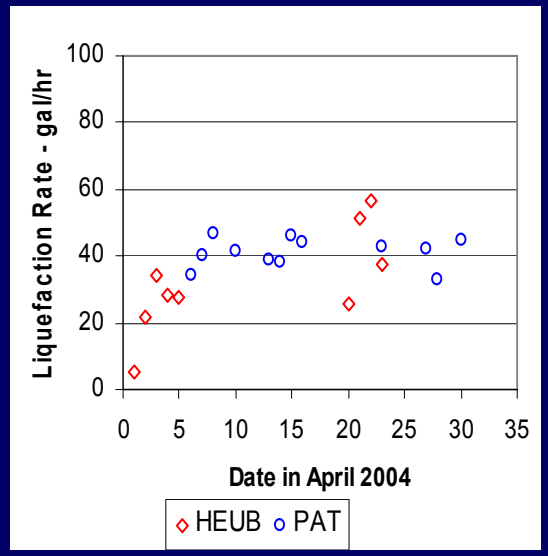


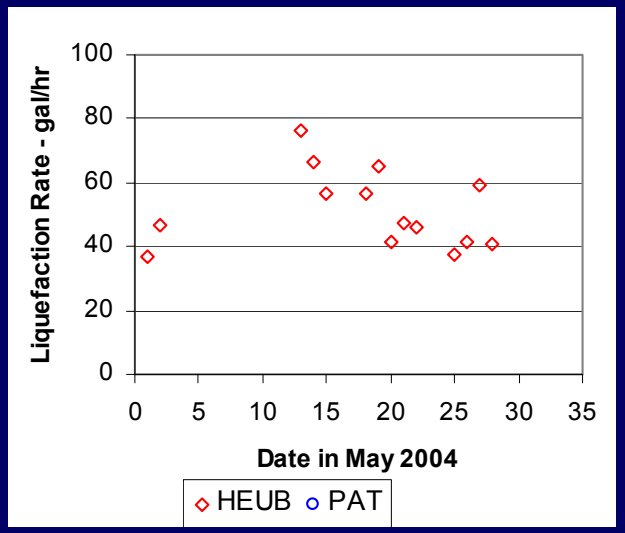
Helium Liquefaction Rate - Gallon per Hour
January - June, 2004

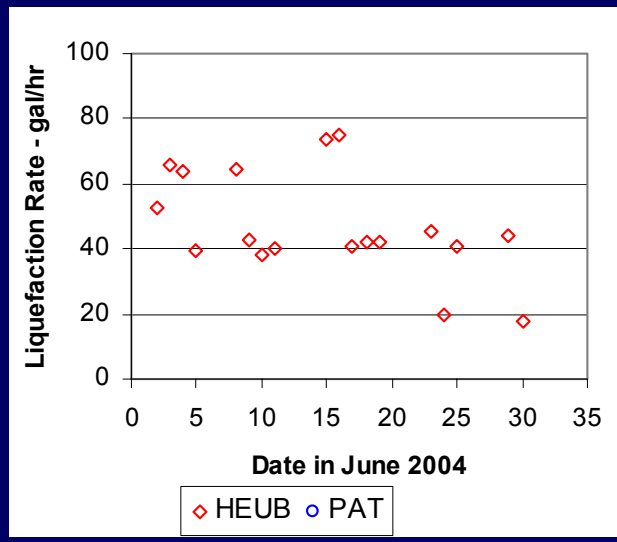




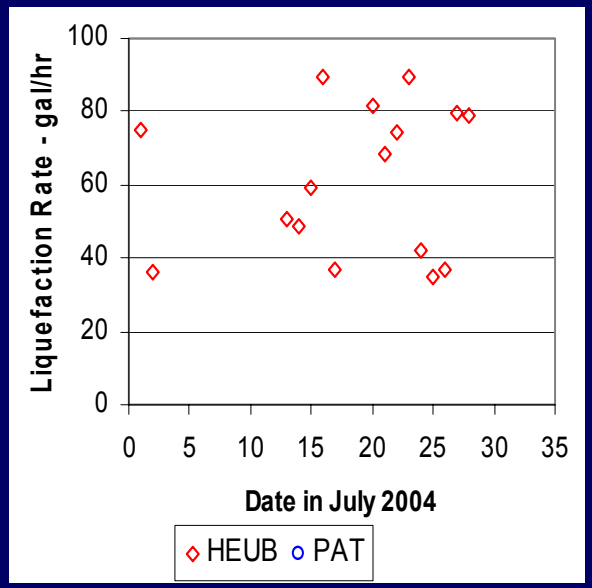


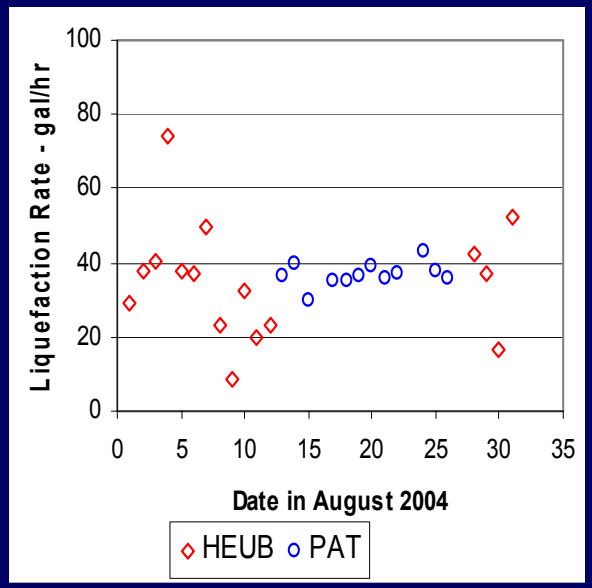


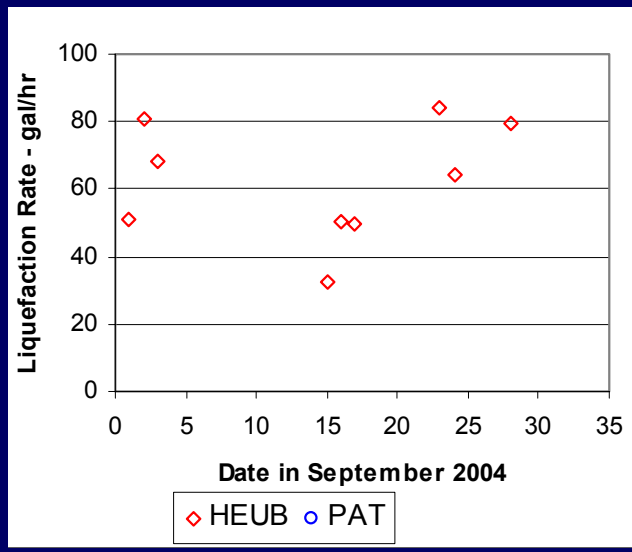


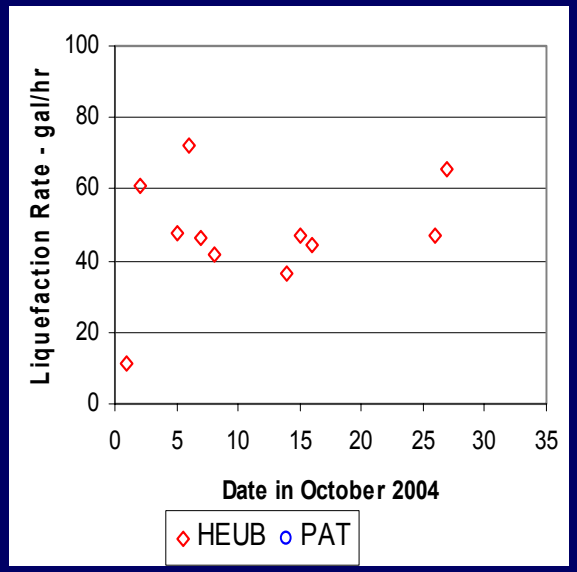


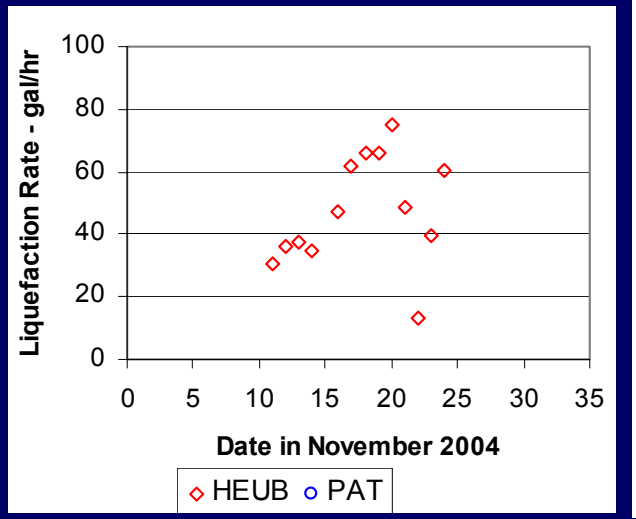
Helium Liquefaction Rate - Gallon per Hour
July - December, 2004

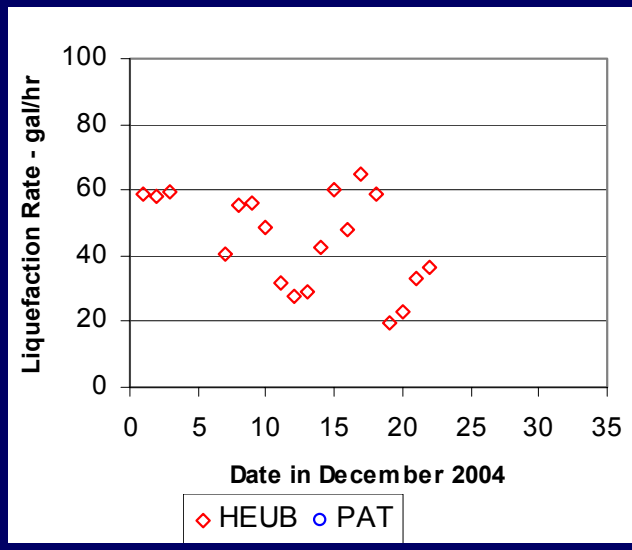




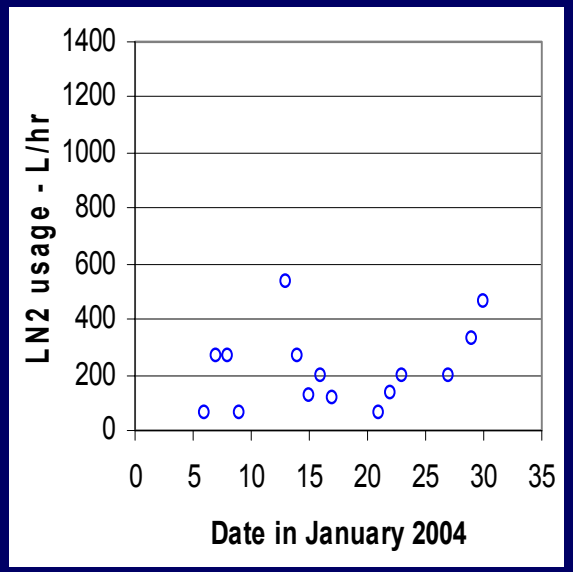


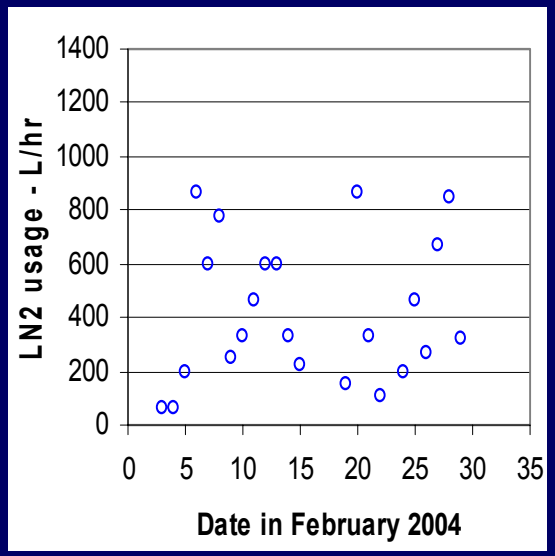


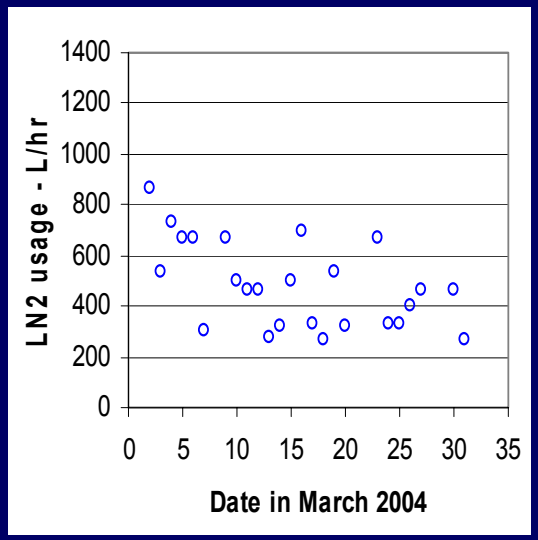


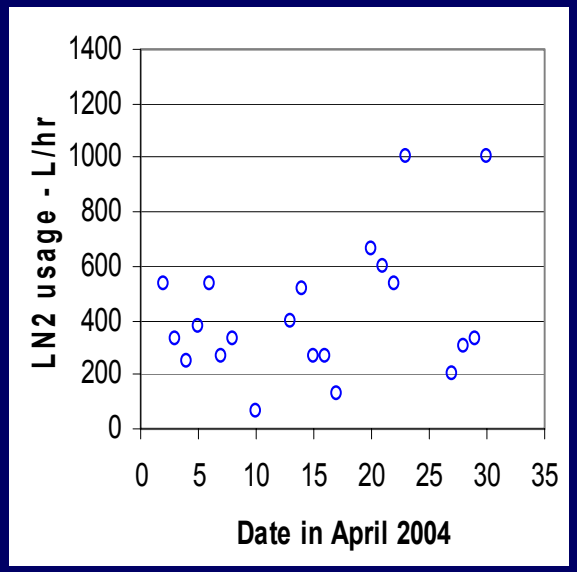


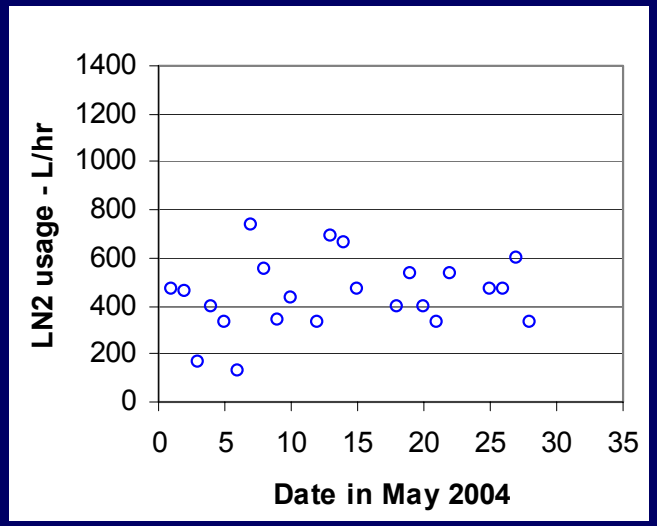
Overnight LN_2 Usage - Liter per Hour
January - June, 2004

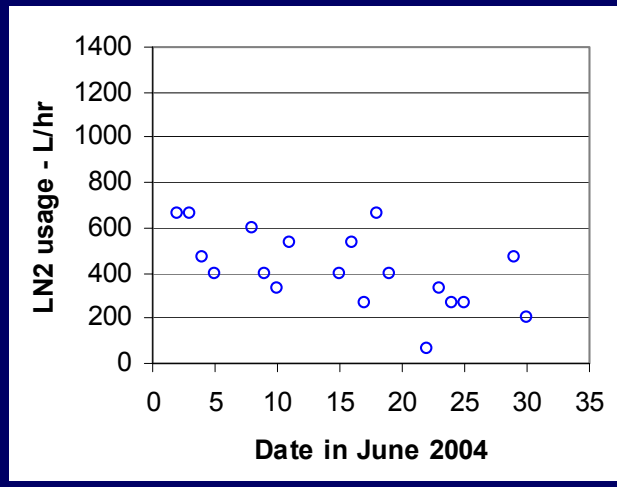




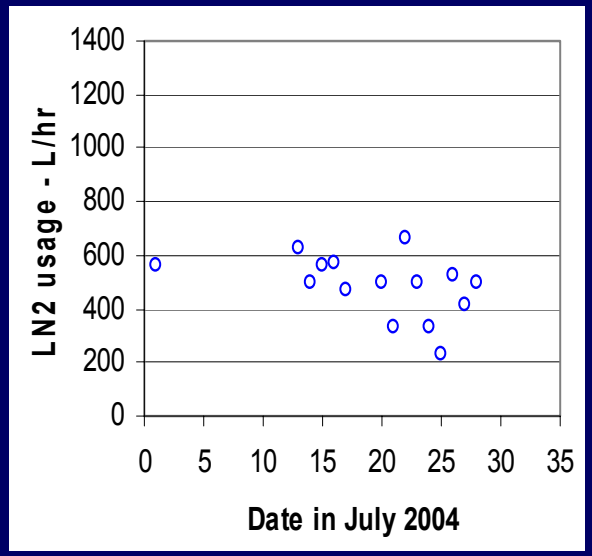


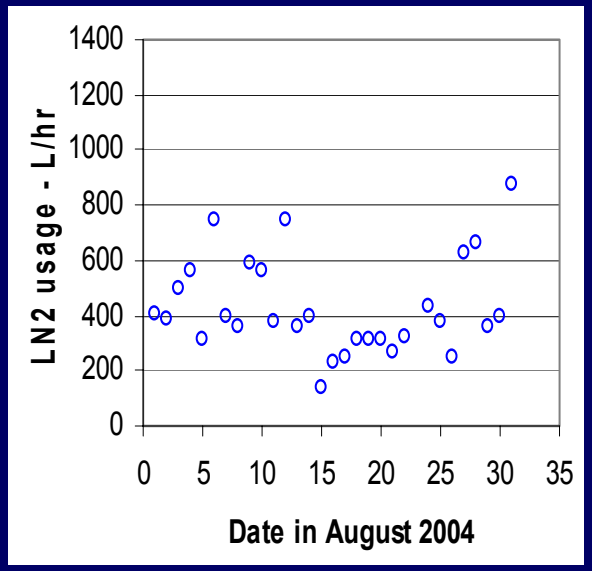


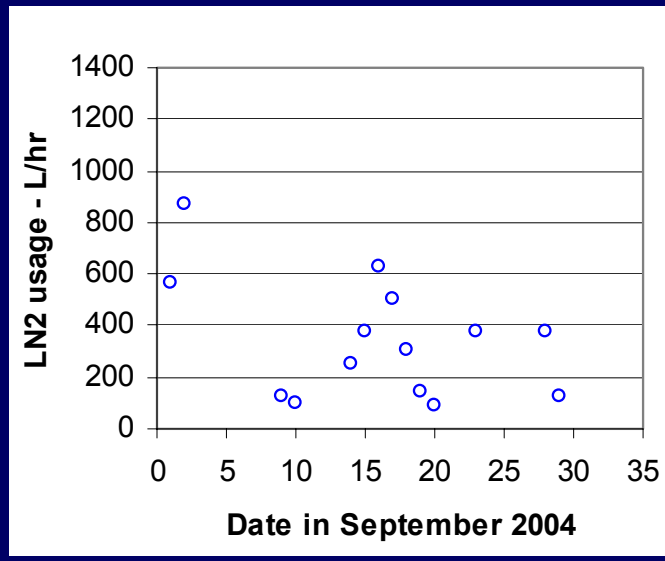


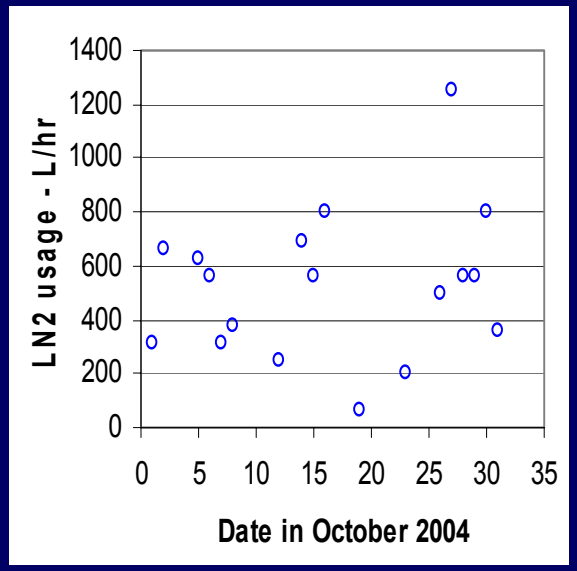


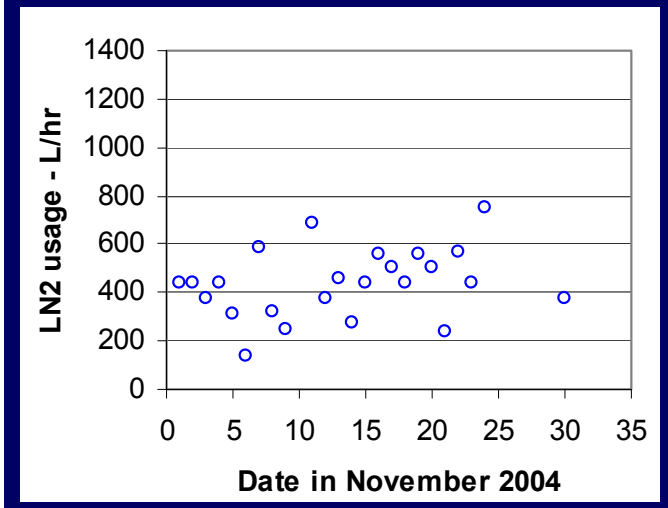
Overnight LN_2 Usage - Liter per Hour
July - December, 2004

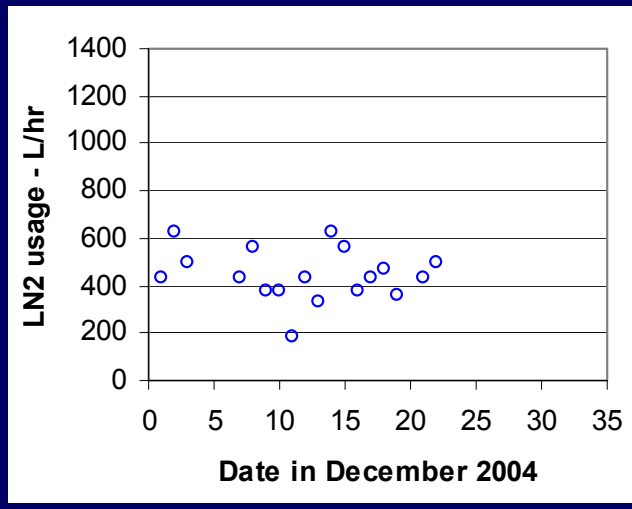




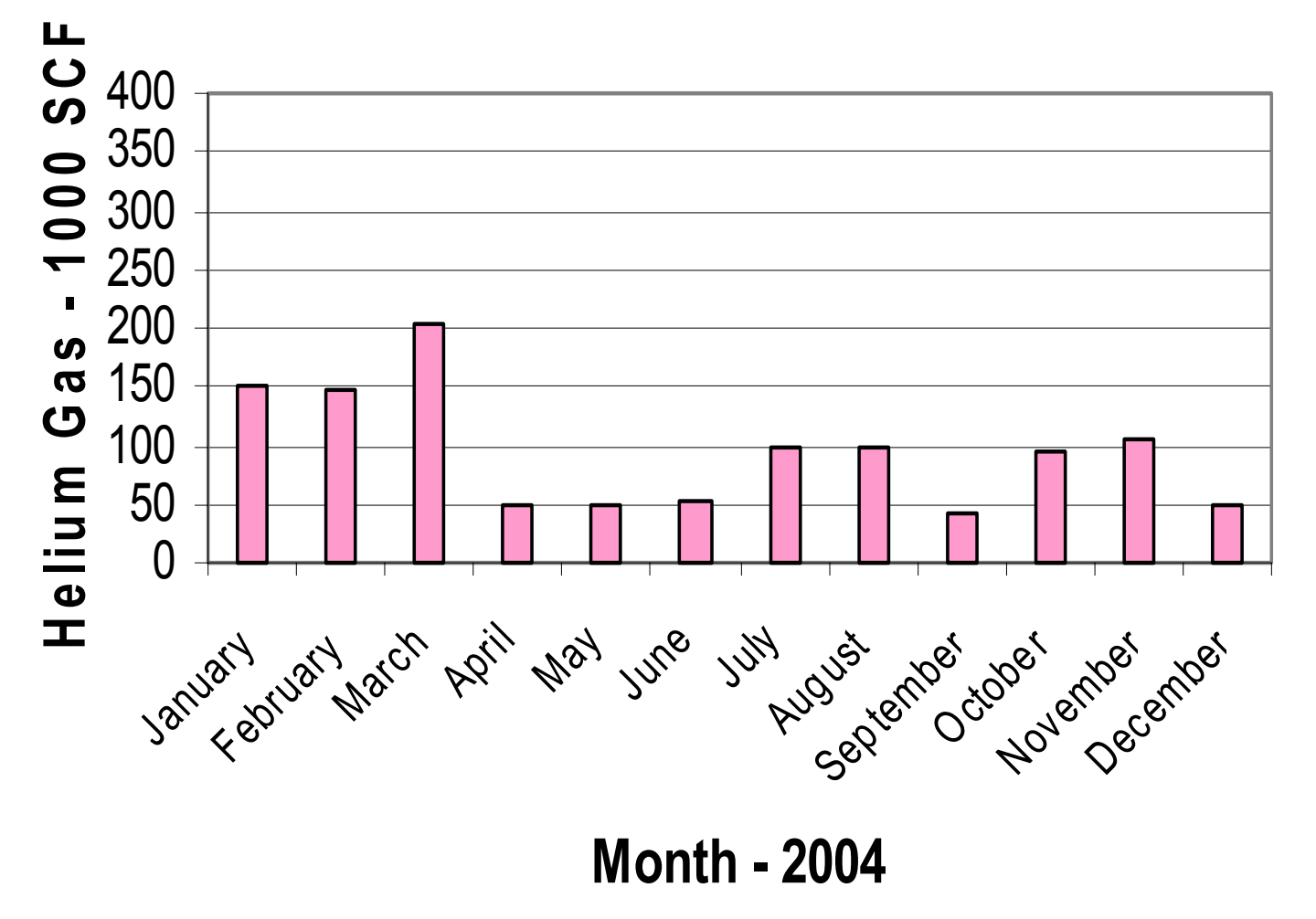




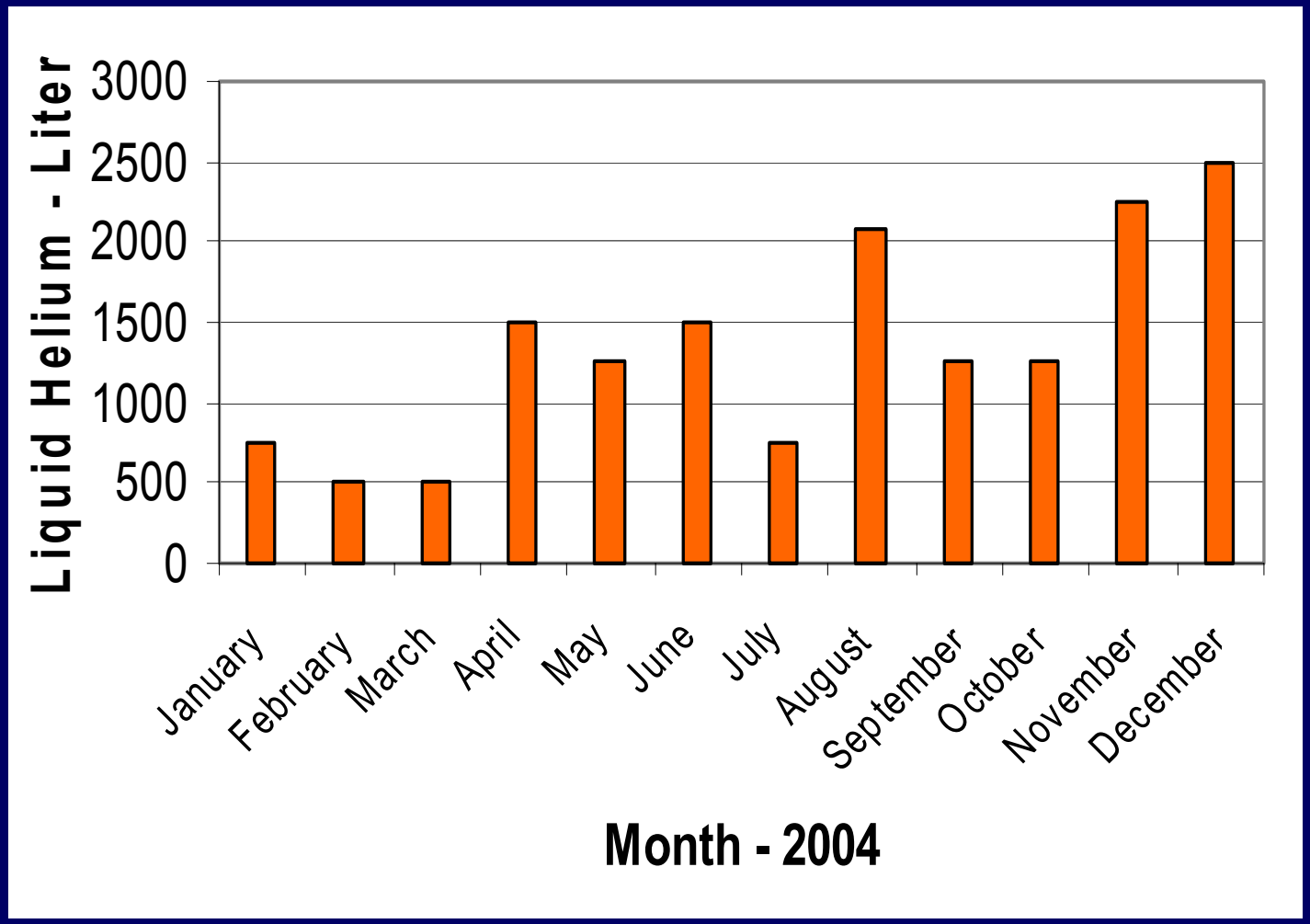




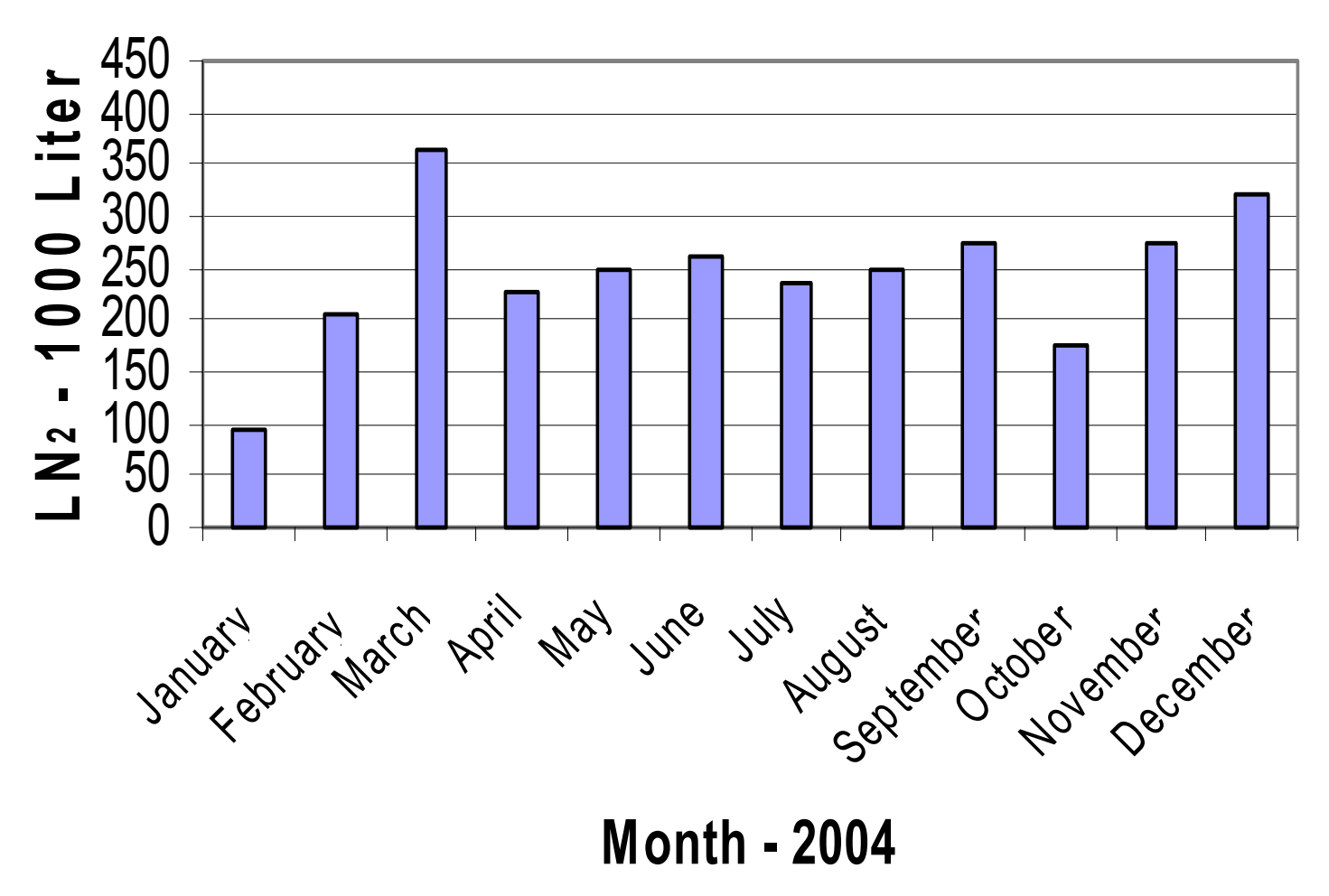
Monthly Charge of Helium Gas in 2004



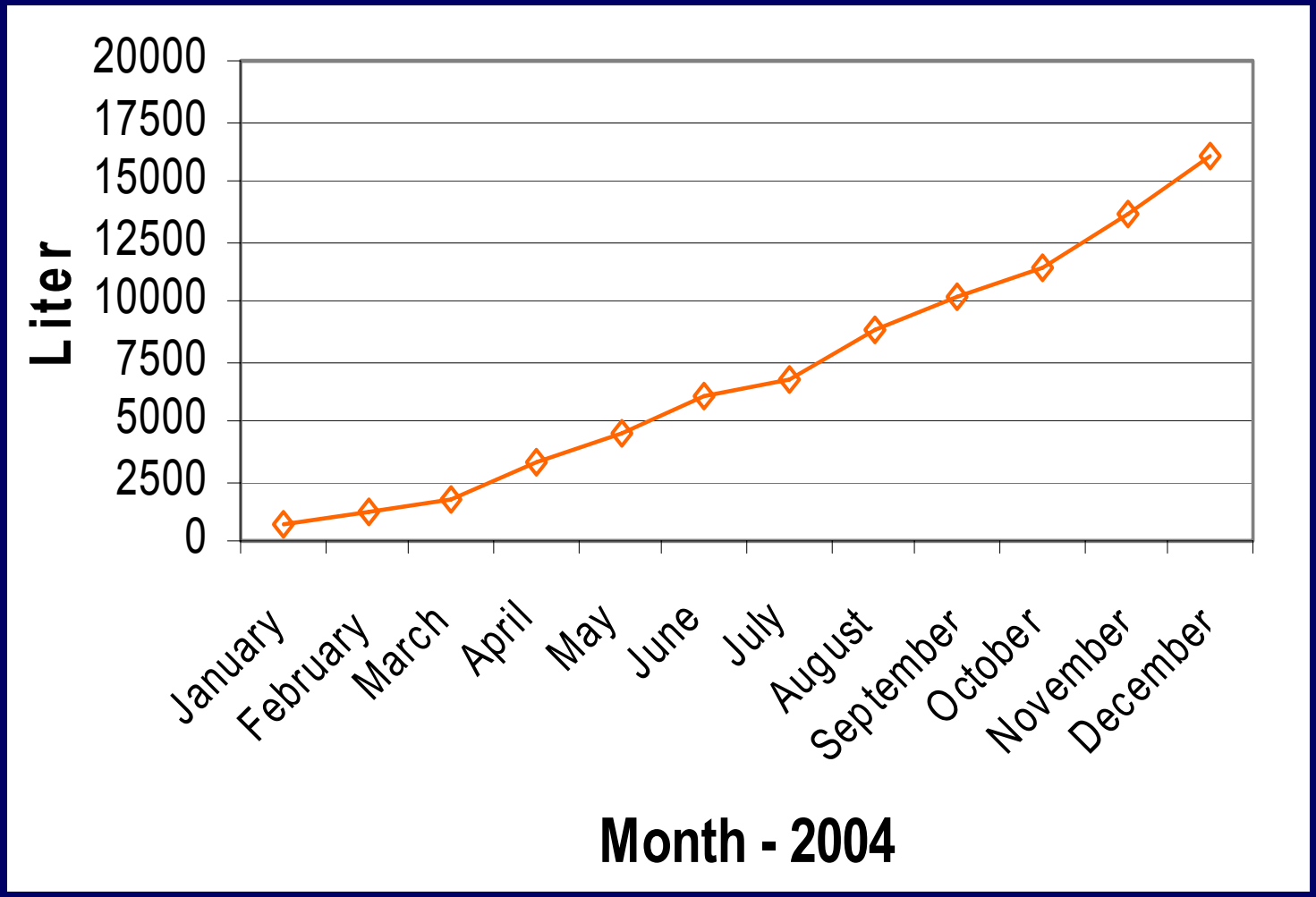
Monthly Liquid Helium Provided to On-site User from B902 in 2004



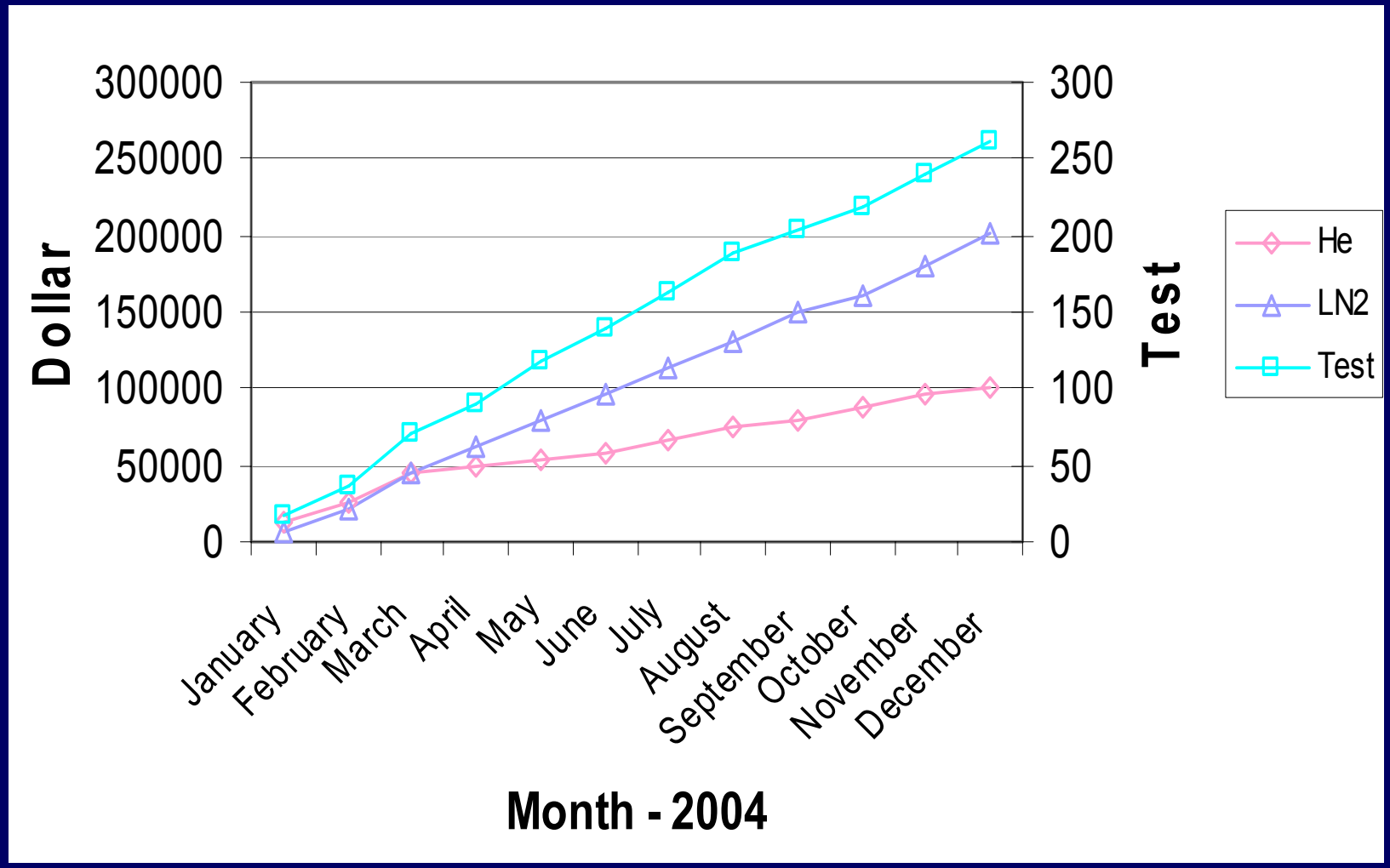
Monthly Charge of Liquid Nitrogen in 2004



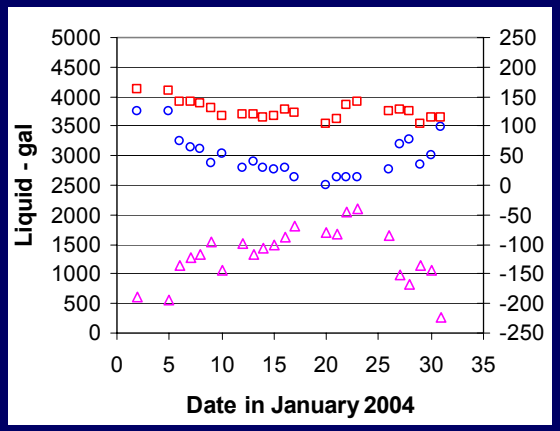
Total Liquid Helium Provided to On-site User from B902 in 2004

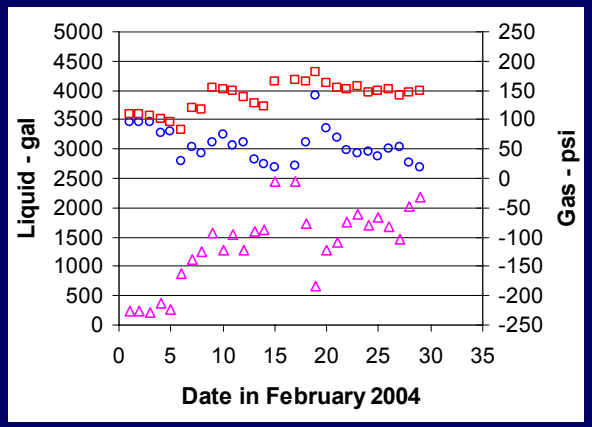


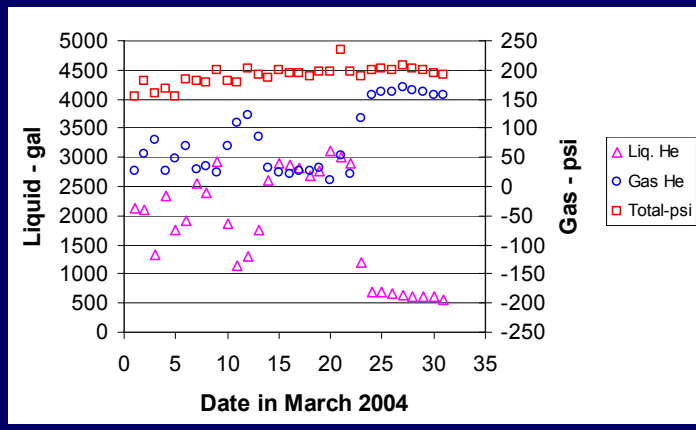
Cumulative Cost of Cryogen in B902 - 2004

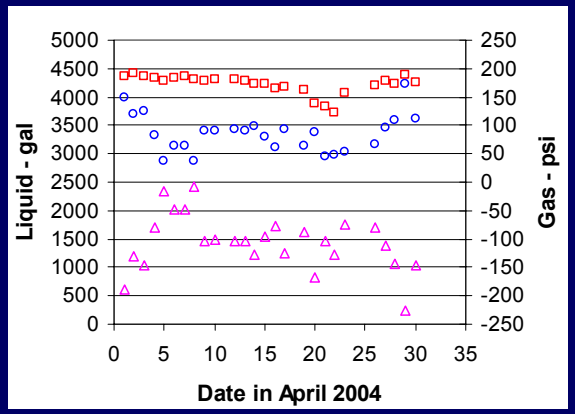


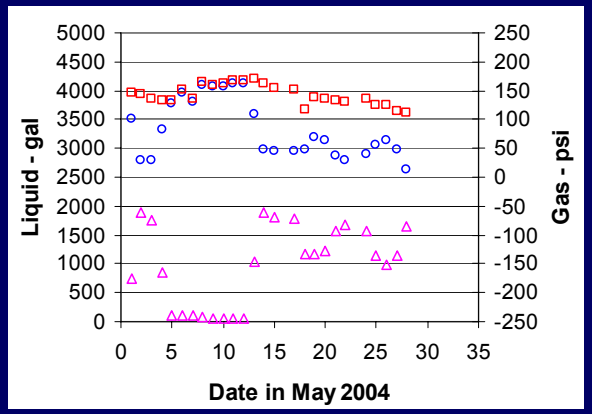
Daily Record of Helium Inventory
January - June, 2004

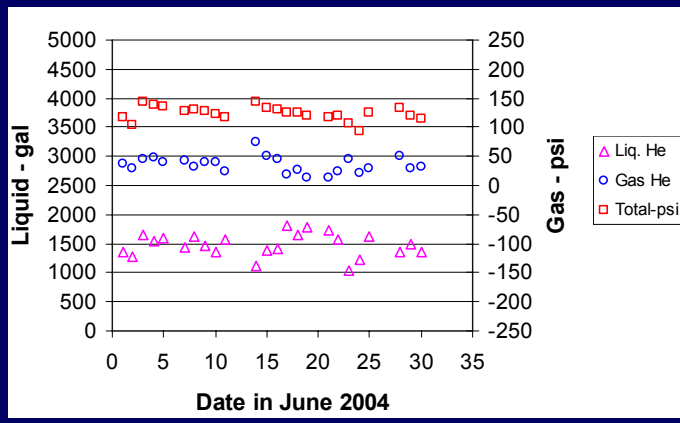




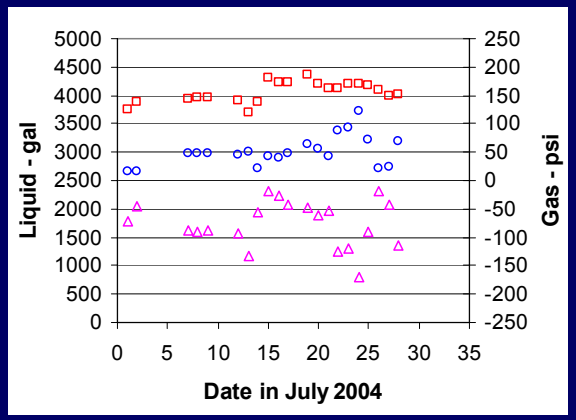


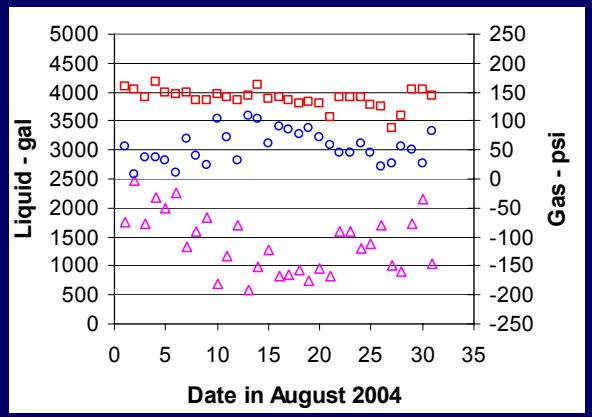


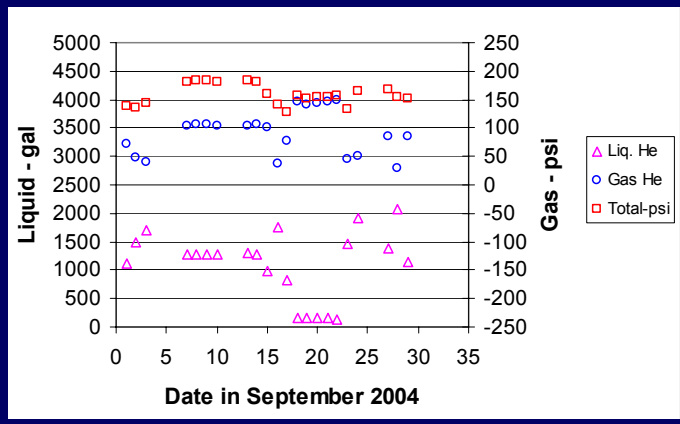


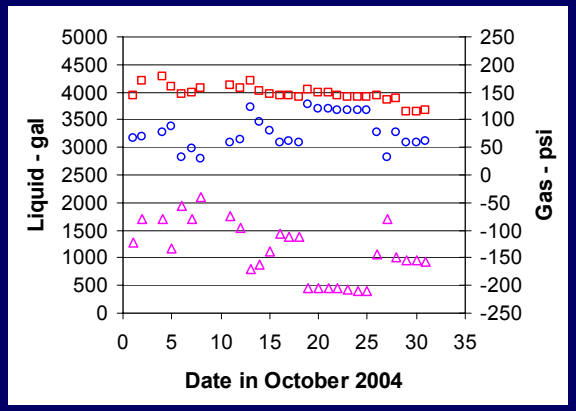


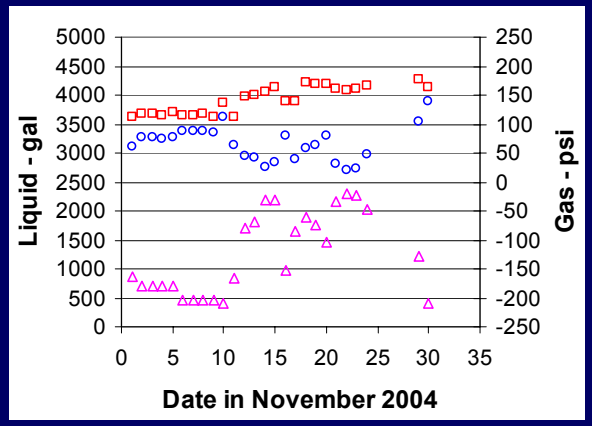
Daily Record of Helium Inventory
July - December, 2004

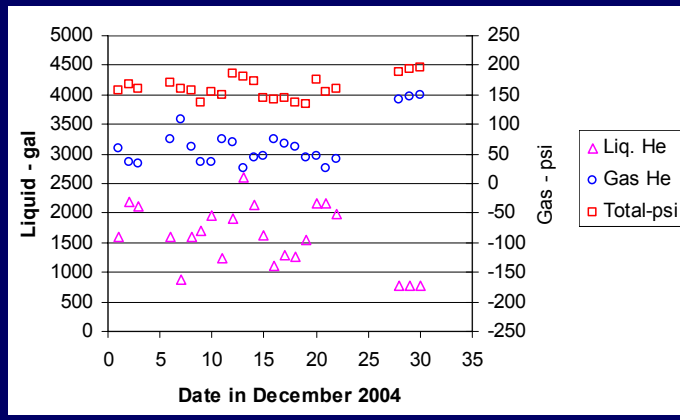




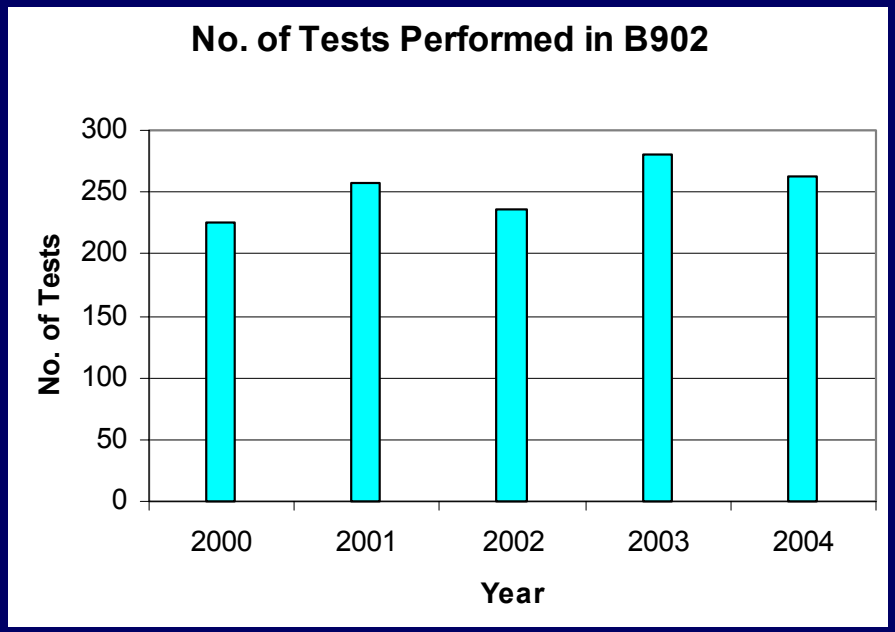


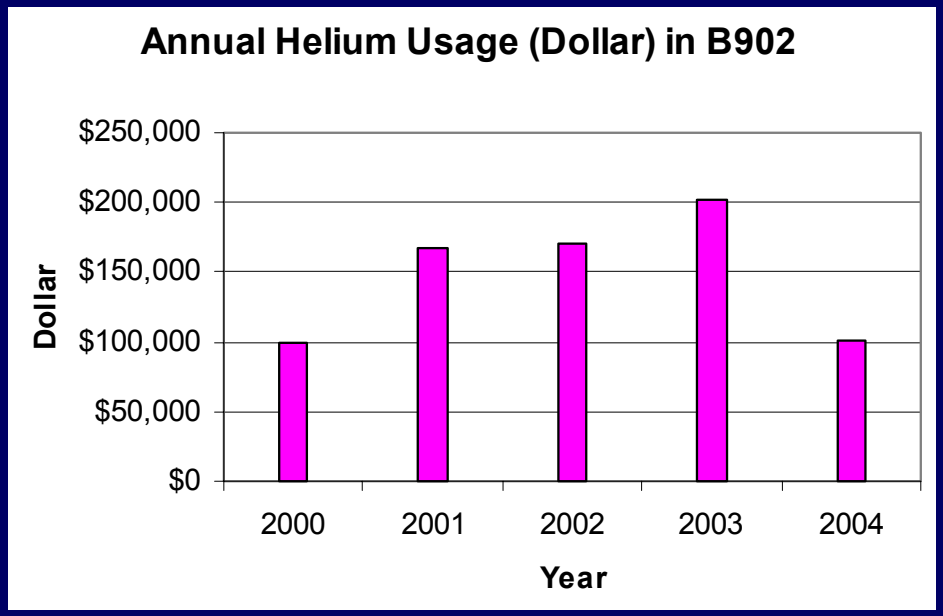


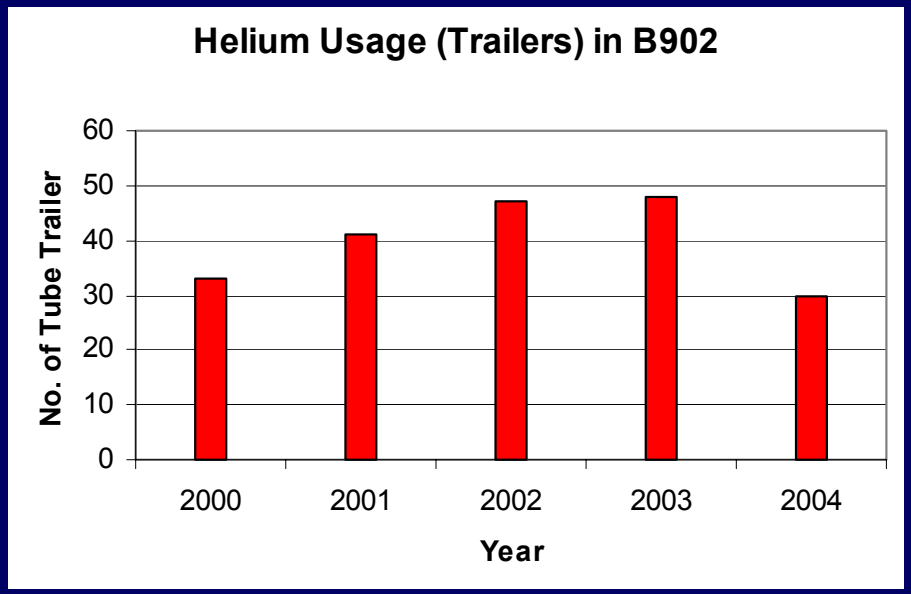


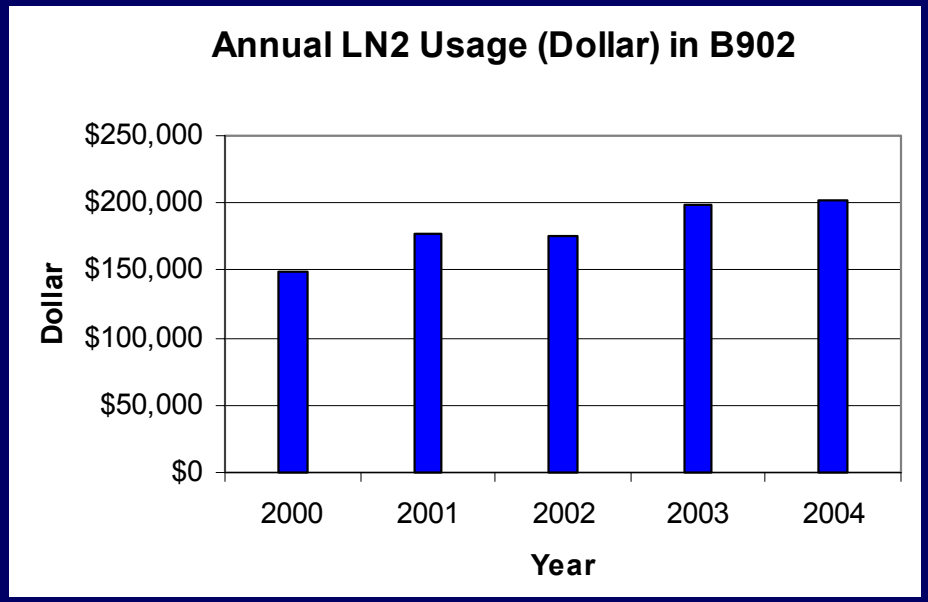


5 Year Summary for Cryogenic Operation in B902









5 Year Summary for Cryogenic Operation in B902

Yearly Usage of Cryogen in B902									k.c.
									1/3/05
Year		no. of trailer		$		LN2 - $		Test Days	
2000		33		99824		149161		226	
2001		41		166804		177430		257	
2002		47		171323		175850		236	
2003		48		201745		197945		280	
2004		30		101125		202496		262	
Note, $ for helium does not include those pay to onsite users such as Chemistry,									
Light Source, Physics or CAD.									