

M226 Verifying the Dynamical Masses of GMCs in the LMC

Here are the regions to be observed. The list shows which have fields have been done, and which need to be done. Please update the page as you complete maps, noting the Tsys in the 12CO window, and any other relevant comments. Also use this page to keep track of Calibrator Scans and Beam Maps.

A V or H symbol after a field number indicates that the map has been scanned in that direction. e.g. cldA_2_V means a vertical scan of cloud A field 2.

To see a plot with the field numbers overlaid on the NANTEN data for this region, click on the region name below. Choose a bright blobby bit that hasn't been mapped, and away you go.

To see the latest reduced data for a region, visit the [DataRed](#) page.

Survey Map List

[Cloud A](#)

Field Name	Correlator File	Tsys	El	Comments
cldA_2_H	2007-07-06_2144-M226.rpf	610	49	
cldA_2_V	2007-07-06_2257-M226.rpf	580	52	
cldA_3_H	2007-07-06_0525-M226.rpf	640	31	
cldA_3_V	2007-07-06_1937-M226.rpf	830	38	choppy
cldA_6_H	2007-07-21_0132-M226.rpf	480	47	
cldA_6_V	2007-07-21_0248-M226.rpf	480	47	
cldA_7_H	2007-07-06_0113-M226.rpf	460	51	
cldA_7_V	2007-07-06_0329-M226.rpf	520	42	
cldA_10_H	2007-07-07_0118-M226.rpf	740	51	choppy REDONE (below)
cldA_10_H	2007-07-21_1837-M226.rpf	550	38	
cldA_10_V	2007-07-07_0632-M226.rpf	1150	26	low el, stop scan#30 redone (below)
cldA_10_V	2007-07-21_2008-M226.rpf	510	46	
cldA_11_H	2007-07-08_0435-M226.rpf	680	34	
cldA_11_V	2007-07-21_1712-M226.rpf	630	30	
cldA_15_H	2007-07-07_2355-M226.rpf	830	53	choppy
cldA_15_V	2007-07-08_0300-M226.rpf	790	44	choppy

[Cloud B](#)

Field Name	Correlator File	Tsys	El	Comments
cldB_10_H	2007-07-01_1842-M226.rpf	900-1300K	36	BAD, redone

cldB_10_H	2007-07-17_1800-M226.rpf	500K	33	
cldB_10_V	2007-07-17_1922-M226.rpf	480K	42	
cldB_11_H	2007-07-17_2044-M226.rpf	450K	48	
cldB_11_V	2007-07-17_2222-M226.rpf	430K	54	
cldB_14_H	2007-07-18_1748-M226.rpf	580K	33	
cldB_14_V	2007-07-18_1905-M226.rpf	505K	40	
cldB_15_H	2007-07-18_0007-M226.rpf	400K	53	
cldB_15_V	2007-07-18_0121-M226.rpf	420K	49	
cldB_7_H	2007-07-18_2017-M226.rpf	465K	46	
cldB_7_V	2007-07-18_2132-M226.rpf	430K	52	
cldB_6_H	2007-07-18_0406-M226.rpf	540K	35	stopped at scan#23, redone (below)
cldB_6_H	2007-07-23_0125-M226.rpf	490K	48	
cldB_6_V	2007-07-19_1647-M226.rpf	670K	27	
cldB_18_H	2007-07-22_0256-M226.rpf	530K	40	
cldB_18_V	2007-07-22_0417-M226.rpf	625K	32	

Cloud C

Field Name	Correlator File	Tsys	EI	Comments
cldC_2_H	2007-07-03_2000_M226.rpf	800+	36	BAD, redone choppy
cldC_2_H	2007-07-04_0147_M226.rpf	600+	49	
cldC_2_V	2007-07-04_0313_M226.rpf	550	45	
cldC_3_H	2007-07-04_0538-M226.rpf	640	34	
cldC_3_V	2007-07-04_1858-M226.rpf	650	31	
cldC_6_H	2007-07-03_0402_M226.rpf	670	42	
cldC_6_V	2007-07-03_0521_M226.rpf	750	36	
cldC_7_H	2007-07-03_0102_M226.rpf	600	50	
cldC_7_V	2007-07-03_0239_M226.rpf	620	47	
cldC_10_H	2007-07-01-2246_M226.rpf	550	47	
cldC_10_V	2007-07-02_0136_M226.rpf	550	49	
cldC_11_H	2007-07-01-2003_M226.rpf	700-1300	37	BAD, redone
cldC_11_H	2007-07-02-0348_M226.rpf	600	43	
cldC_11_V	2007-07-01-2124_M226.rpf	500-600	41	
cldC_14_H	2007-07-02_2120_M226.rpf	650	42	
cldC_14_H	2007-07-18_0243-M226.rpf	460K	44	did it again by mistake
cldC_14_V	2007-07-02_2328_M226.rpf	600	49	

cldC_15_H	2007-07-02_1849_M226.rpf	800-900	30
cldC_15_V	2007-07-02_2007_M226.rpf	700-750	36

Cloud D

Field Name	Correlator File	Tsys	EI	Comments
cldD_2_H	2007-07-19_2035_M226.rpf	445	48	
cldD_2_V	2007-07-19_2147_M226.rpf	435	52	
cldD_6_H	2007-07-19_1807_M226.rpf	550	35	
cldD_6_V	2007-07-19_1921_M226.rpf	480	42	
cldD_7_H	2007-07-20_2241_M226.rpf	445	54	
cldD_7_V	2007-07-20_2359_M226.rpf	450	53	
cldD_10_H	2007-07-20_1739_M226.rpf	655	31	
cldD_10_V	2007-07-20_1854_M226.rpf	545	39	
cldD_11_H	2007-07-20_2006_M226.rpf	485	46	
cldD_11_V	2007-07-20_2124_M226.rpf	455	51	
cldD_14_H	2007-07-22_1713_M226.rpf	620	30	
cldD_14_V	2007-07-22_1828_M226.rpf	550	37	
cldD_18_H	2007-07-22_1944_M226.rpf	510	44	
cldD_18_V	2007-07-22_2118_M226.rpf	466	52	
cldD_22_H	2007-07-22_2234_M226.rpf	455	54	
cldD_22_V	2007-07-22_2351_M226.rpf	465	53	

Cloud E

Field Name	Correlator File	Tsys	EI	Comments
cldE_1_H	2007-07-20_0418-M226.rpf	590	38	
cldE_1_V	2007-07-21_2121-M226.rpf	520	46	
cldE_5_H	2007-07-05_1922-M226.rpf	650	31	
cldE_5_V	2007-07-05_2044-M226.rpf	480	37	
cldE_6_H	2007-07-04_2302-M226.rpf	510	47	MOPS error, stopped at scan 46 redone (below)
cldE_6_H	2007-07-23_0243-M226.rpf	525	44	
cldE_6_V	2007-07-05_0005-M226.rpf	510	50	
cldE_7_H	2007-07-05_0121-M226.rpf	540	50	
cldE_7_V	2007-07-05_0315-M226.rpf	900+	47	choppy redo?
cldE_9_V	2007-07-20_0531-M226.rpf	680	32	stopped at scan ~25
cldE_10_H	2007-07-04_2022-M226.rpf	580	36	

cldE_10_V	2007-07-04_2148-M226.rpf	530	43	
cldE_11_H	2007-07-05_0441-M226.rpf	900+	41	rubbish REDONE (below)
cldE_11_H	2007-07-21_2240-M226.rpf	480	49	
cldD_11_V	2007-07-22_0001-M226.rpf	460	51	
cldE_14_H	2007-07-21_0431-M226.rpf	560	37	
cldE_14_V	2007-07-22_0138-M226.rpf	480	48	

Cloud F

Field Name	Correlator File	Tsys	EI	Comments
cldF_1_H	2007-07-19_2300-M226.rpf	450	49	stopped scan 15 due to lo error, redo
cldF_1_H	2007-07-19_2314-M226.rpf	450	50	
cldF_1_V	2007-07-20_0059-M226.rpf	455	49	
cldF_2_H	2007-07-19_0146-M226.rpf	460	48	
cldF_2_V	2007-07-19_0258-M226.rpf	475	44	
cldF_3_H	2007-07-20_0251-M226.rpf	490	44	
cldF_3_V	2007-07-08_0612-M226.rpf	690	31	stopped scan 30, redone (below)
cldF_3_V	2007-07-23_0401-M226.rpf	570	37	
cldF_4_H	2007-07-18_2315-M226.rpf	435	50	
cldF_4_V	2007-07-19_0028-M226.rpf	440	56	

Cloud G

Field Name	Correlator File	Tsys	EI	Comments
cldG_3_H	2007-07-05_2236-M226.rpf	480	50	
cldG_3_V	2007-07-05_2355-M226.rpf	460	54	

Cloud H

Field Name	Correlator File	Tsys	EI	Comments
cldH_2_H	2007-07-23_2018-M226.rpf	540	42	
cldH_2_H	2007-07-26_2008-M226.rpf	590	42	
cldH_2_V	2007-07-23_2212-M226.rpf	500	49	
cldH_3_H	2007-07-23_2351-M226.rpf	490	50	
cldH_3_V	2007-07-24_0109-M226.rpf	515	58	
cldH_6_H	2007-07-24_0228-M226.rpf	600	43	stopped scan 28 , redone (below)
cldH_6_H	2007-07-25_0110-M226.rpf	585	48	
cldH_6_V	2007-07-26_1737-M226.rpf	730	31	

cldH_7_H	2007-07-26_0100-M226.rpf	565	48	
cldH_7_V	2007-07-26_0223-M226.rpf	610	43	Stopped scan 16
cldH_7_V	2007-07-26_1850-M226.rpf	635	37	

Calibrator Scans on Orion KL (Position Switched)

See also M172 calibration scans.

Field Name	Correlator File	Tsys	EI	Comments
Orion KL	2007-07-02_0259-M226.rpf	500-700	51	choppy - worse than target sky
Orion KL	2007-07-02_2242-M226.rpf	600	50	
Orion KL	2007-07-05_0258-M226.rpf	800+	50	choppy - worse than target sky
Orion KL	2007-07-05_2202-M226.rpf	520	46	
Orion KL	2007-07-17_2346-M226.rpf	380	64	
Orion KL	2007-07-18_2255-M226.rpf	400	62	
Orion KL	2007-07-20_0042-M226.rpf	410	61	
Orion KL	2007-07-21_0117-M226.rpf	450	56	
Orion KL	2007-07-21_0413-M226.rpf	880	21	could be rubbish - too low for good pointing
Orion KL	2007-07-21_1956-M226.rpf	660	34	
Orion KL	2007-07-22_0122-M226.rpf	460	54	
Orion KL	2007-07-22_2103-M226.rpf	500	48	
Orion KL	2007-07-23_0107-M226.rpf	463	57	
Orion KL	2007-07-23_2335-M226.rpf	450	65	
Orion KL	2007-07-25_0053-M226.rpf	550	58	
Orion KL	2007-07-26_0047-M226.rpf	550	57	
Orion KL	2007-07-26_2128-M226.rpf	530	55	
Orion KL	2007-07-28_1938-M226.rpf	??	35	
Orion KL	2007-07-29_0215-M226.rpf	??	39	
Orion KL	2007-07-30_0213-M226.rpf	??	38	
Orion KL	2007-07-30_0219-M226.rpf	??	37	
Orion KL	2007-07-31_0210-M226.rpf	??	38	
Orion KL	2007-07-31_0216-M226.rpf	??	37	

Calibrator Scans on N159W? (OTF)

Field Name	Correlator File	Tsys	EI	Comments
N159W_cal_h	2007-07-23_0518-M226.rpf	600+	30	
N159W_cal_v	2007-07-23_0524-M226.rpf	600+	30	

N159W_cal_h	2007-07-23_0531-M226.rpf	600+	29
N159W_cal_h	2007-07-23_0537-M226.rpf	600+	29
N159W_cal_v	2007-07-23_0544-M226.rpf	600+	28
N159W_cal_v	2007-07-23_0550-M226.rpf	600+	28
N159W_cal_h	2007-07-23_2136-M226.rpf	505	48
N159W_cal_v	2007-07-23_2143-M226.rpf	505	48

Beam Maps (OTF)

Field Name	Correlator File	Tsys	El	Comments
RDor				

-- [AnnieHughes](#) - 01 Jul 2007

I	Attachment	Action	Size	Date	Who	Comment
	cloudA.png	manage	18.8 K	01 Jul 2007 - 06:08	AnnieHughes	cloudA
	cloudB.png	manage	18.1 K	01 Jul 2007 - 06:08	AnnieHughes	cloudB
	cloudC.png	manage	19.4 K	01 Jul 2007 - 06:09	AnnieHughes	cloudC
	cloudD.png	manage	21.6 K	01 Jul 2007 - 06:09	AnnieHughes	cloudD
	cloudE.png	manage	19.1 K	01 Jul 2007 - 06:10	AnnieHughes	cloudE
	cloudF.png	manage	15.6 K	01 Jul 2007 - 06:11	AnnieHughes	cloudF
	cloudG.png	manage	9.8 K	01 Jul 2007 - 06:11	AnnieHughes	cloudG

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