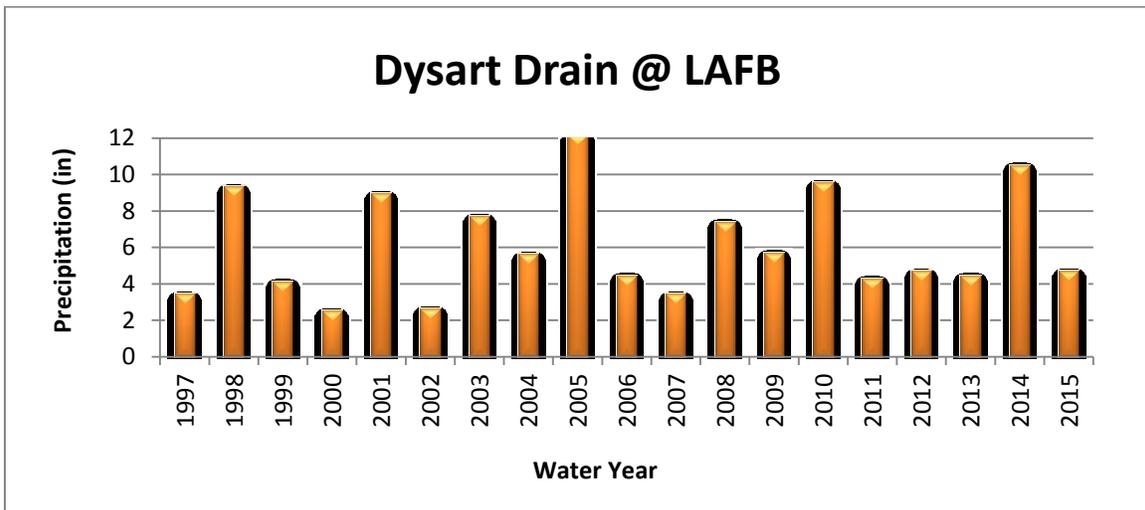




Station Name: Dysart Drain @ Luke AFB

Station ID Number History:	5410 since installation
Station Type:	Rain / Stream
Data Begins:	08/22/1996
Years Since Installation:	19.11 (as of 10/01/15)
Data Repeater:	White Tank Peak
County:	Maricopa
Latitude:	33° 32' 38.3" (33.54397)
Longitude:	112° 20' 57.8" (112.34940)
Elevation:	1,075 ft. msl
Location:	1/4 mi. West of Northern Ave. & Litchfield Rd.
Data Record:	
Incomplete Months:	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	23	
Number of storms greater than 2 inches in 24 hours:	3	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T_r
Greatest 15 minute total:	0.63" on 09/02/96	6 years
Greatest 1 hour total:	1.18" on 08/01/07	8 years
Greatest 3 hour total:	1.46" on 09/08/14	12 years
Greatest 6 hour total:	1.81" on 09/08/14	20 years
Greatest 24 hour total:	2.48" on 02/13/03	16 years
Greatest 72 hour total:	3.89" on 01/21/10	64 years

Water Year Totals: (Mean of Complete Water Years [19] = 6.10 inches)

Water Year	Total	Water Year	Total	Water Year	Total
2020		2010	9.57	2000	2.52
2019		2009	5.71	1999	4.17
2018		2008	7.40	1998	9.33
2017		2007	3.46	1997	3.46
2016		2006	4.45	1996	M
2015	4.72	2005	12.17	1995	
2014	10.51	2004	5.63	1994	
2013	4.45	2003	7.72	1993	
2012	4.69	2002	2.64	1992	
2011	4.29	2001	8.94	1991	

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this [link](#) for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Dysart Drain @ LAFB (gage # 5410) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					.04						1.18	
2					.04							
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19				.20	.08							
20					.08							
21				.08			.04					
22			.04			.43						
23			.04			.12				.79		
24										.08		
25											.04	
26												
27												
28			.04									
29					----							
30					----							
31		----		.08	----		----		----	.08		----
SUM	0.00	0.00	0.12	0.35	0.24	0.55	0.04	0.00	0.00	0.94	1.22	0.00
ACC	0.00	0.00	0.12	0.47	0.71	1.26	1.30	1.30	1.30	2.24	3.46	3.46
MAX	0.00	0.00	0.04	0.20	0.08	0.43	0.04	0.00	0.00	0.79	1.18	0.00
NO.	0	0	3	3	4	2	1	0	0	3	2	0
											Maximum Daily Rainfall	1.18
											Maximum Monthly Rainfall	1.22
											Estimated Annual Rainfall	3.46
											Number of Days with Rain	18

Notes:

Estimated annual rainfall in millimeters: 88 Total down-time: 4.23 days
 Gage 5410 down from 3/22 03:26 (18) through 3/26 08:52 (32) due to plugged funnel; rainfall amount and distribution were **estimated** from radar and nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Dysart Drain @ LAFB (gage # 5410) for Water Year 1996

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2												.75	
3													
4												.04	
5													
6													
7													
8													
9													
10													
11												.75	
12												.04	
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29											.67		
30													
31													
SUM	----	----	----	----	----	----	----	----	----	----	0.67	1.57	
ACC	----	----	----	----	----	----	----	----	----	----	0.67	2.40	
MAX	----	----	----	----	----	----	----	----	----	----	0.67	0.75	
NO.	----	----	----	----	----	----	----	----	----	----	1	4	
												Maximum Daily Rainfall	0.75
												Maximum Monthly Rainfall	1.73
												Partial Annual Rainfall	2.40
												Number of Days with Rain	5

Notes:
Partial annual rainfall in mm: 61
Gage installed 8/22/96.
Gage down from 9/18 11:44 (61) through 9/21 11:44 (61) for unknown reason, no rain fell.
Gage down from 9/30 09:03 (61) through 10/01 09:32 (0) for unknown reason, assume no rain fell.