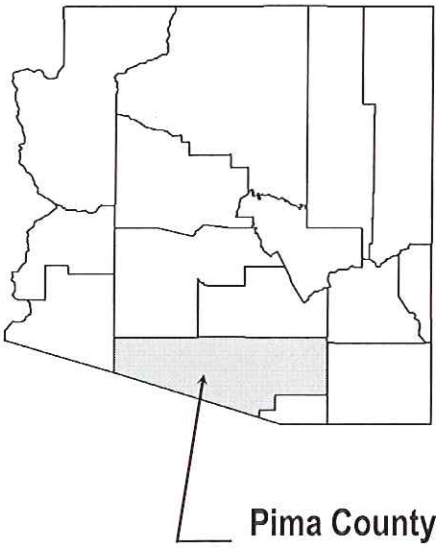
FLOOD INSURANCE STUDY

VOLUME 2 OF 5

PIMA COUNTY, ARIZONA
AND INCORPORATED AREAS



COMMUNITY NAME	COMMUNITY NUMBER
MARANA, TOWN OF	040118
ORO VALLEY, TOWN OF	040109
PIMA COUNTY (UNINCORPORATED AREAS)	040073
SAHUARITA, TOWN OF	040137
SOUTH TUCSON, CITY OF	040075
TUCSON, CITY OF	040076

Preliminary

REVISED:
AUG 12 2011

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
04019CV002B

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

This Preliminary revised Flood Insurance Study contains only profiles and floodway data tables added or revised as part of the restudy. These profiles are presented in a reduced scale to minimize reproduction costs. All profiles will be included and printed at full scale in the final published report.

Initial Countywide FIS Effective Date: February 8, 1999

Revised Countywide FIS Date: June 16, 2011 – to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

TBD – to incorporate the Agua Caliente Wash Physical Map Revision case number 09-09-2642P

TABLE OF CONTENTS – Volume 1 – TBD

TABLE OF CONTENTS – Volume 1 – continued – TBD

TABLE OF CONTENTS – Volume 2 – TBD

TABLE OF CONTENTS – Volume 3 – TBD

EXHIBITS

TABLE OF CONTENTS – Volume 3 – continued – TBD

EXHIBITS – continued

TABLE OF CONTENTS – Volume 4 – June 16, 2011

EXHIBITS - continued

TABLE OF CONTENTS – Volume 5 – June 16, 2011

EXHIBITS - continued

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Agua Caliente Wash								
A	1.261	544	1,328	5.4	2563.3	2563.3	2563.8	0.5
B	2.425	561	1,364	5.3	2571.3	2571.3	2571.9	0.6
C	3,579	321	948	7.6	2581.5	2581.5	2582.3	0.8
D	4,293	705	1,829	3.9	2585.5	2585.5	2586.4	0.9
E	5,124	291	966	7.4	2590.9	2590.9	2591.1	0.2
F	5,124	353	741	9.7	2592.3	2592.3	2592.3	0.0
G	5,961	705	1,808	5.8	2,596.9	2596.9	2597.2	0.3
H	6,869	245	873	12.1	2,600.7	2600.7	2601.2	0.5
I	7,093	264	1,410	7.5	2,606.4	2606.4	2606.4	0.0
J	7,295	181	1,742	6.1	2,608.8	2608.8	2608.8	0.0
K	8,581	362	1,317	8.0	2,610.0	2610.0	2610.0	0.0
L	9,190	507	1,760	8.8	2,613.8	2613.8	2613.8	0.0
M	10,233	892	1,588	6.6	2,620.2	2620.2	2620.2	0.0
N	10,645	1,284	1,229	8.6	2,621.3	2621.3	2621.3	0.0
O	12,536	444	1,917	6.8	2,633.5	2633.5	2634.4	0.9
P	12,871	386	1,803	7.2	2,635.7	2635.7	2636.5	0.8
Q	13,761	279	1,618	8.0	2,640.6	2640.6	2641.6	1.0
R	14,612	339	1,757	7.4	2,644.9	2644.9	2645.7	0.8
S	15,205	382	1,637	7.9	2,648.5	2648.5	2648.8	0.3
T	15,628	428	1,619	8.0	2,650.5	2650.5	2650.6	0.1
U	15,823	447	1,548	8.4	2,651.8	2651.8	2651.9	0.1
V	16,158	412	1,679	7.7	2,654.2	2654.2	2654.2	0.0
W	17,677	500	2,030	6.4	2,661.7	2661.7	2662.1	0.4
X	18,676	447	1,730	7.5	2,668.4	2,668.4	2,668.8	0.4
Y	19,909	455	1,768	7.4	2,676.0	2,676.0	2,676.0	0.0
Z	21,014	500	1,673	7.8	2,681.9	2681.9	2682.1	0.2

[1]Feet above confluence with Tanque Verde Creek

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

PIMA COUNTY, AZ AND INCORPORATED AREAS

FLOODWAY DATA

AGUA CALIENTE WASH

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Agua Caliente Wash (continued)								
AA	22,460	317	1,183	10.1	2,689.9	2689.9	2689.9	0.0
AB	22,764	216	1,098	10.9	2,694.1	2694.1	2694.3	0.2
AC	23,735	194	1,220	9.8	2699.7	2699.7	2700.4	0.7
AD	24,182	193	1,012	11.9	2703.2	2703.2	2703.2	0.0
AE	24,402	209	1,445	8.3	2706.1	2706.1	2706.2	0.1
AF	24,642	195	1,090	11.0	2707.6	2707.6	2708.0	0.4
AG	24,912	184	1,136	10.6	2711.0	2711.0	2711.4	0.4
AH	25,315	166	1,056	11.4	2714.2	2714.2	2714.7	0.5
AI	26,301	248	1,372	8.8	2,725.0	2725.0	2725.8	0.8
AJ	26,679	347	1,717	7.0	2,729.7	2729.7	2729.7	0.0
AK	26,865	342	1,158	10.4	2,731.0	2731.0	2731.0	0.0
AL	27,739	343	1,411	8.5	2,740.8	2740.8	2740.9	0.1
AM	27,960	361	1,235	9.7	2,742.7	2742.7	2742.8	0.1
AN	28,571	325	1,135	10.6	2,751.5	2751.5	2751.5	0.0
AO	29,199	279	1,083	11.1	2,762.8	2762.8	2762.8	0.0
AP	29,694	186	1,109	10.8	2,769.6	2769.6	2769.7	0.1
AQ	29,883	152	931	12.9	2,771.3	2771.3	2771.3	0.0
AR	30,556	168	1,113	10.8	2,782.7	2782.7	2782.7	0.0
AS	30,614	172	935	12.8	2,782.8	2782.8	2782.8	0.0
AT	30,872	120	820	14.6	2,789.6	2789.6	2789.9	0.3
AU	31,015	142	862	13.9	2,792.6	2792.6	2792.6	0.0
AV	31,165	99	784	15.3	2,794.3	2794.3	2794.4	0.1
AW	31,223	118	1,003	12.0	2,796.6	2796.6	2796.6	0.0
AX	31,414	178	949	12.6	2,798.5	2798.5	2798.5	0.0
AY	31,657	204	975	12.3	2,805.1	2805.1	2805.2	0.1

[1]Feet above confluence with Tanque Verde Creek

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Agua Caliente Split Flow								
A	1,426	516	1,917	3.0	2582.7	2582.7	2583.7	1.0
B	2,214	418	1,141	5.1	2585.9	2585.9	2586.1	0.2
C	2,509	371	1,037	5.6	2588.3	2588.3	2588.6	0.3
D	3,599	347	771	4.4	2593.4	2593.4	2594.1	0.7

[1]Feet above confluence with Tanque Verde Creek, just upstream of Houghton Road

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

PIMA COUNTY, AZ AND INCORPORATED AREAS

FLOODWAY DATA

AGUA CALIENTE SPLIT FLOW