

**TABLE OF REGULATORY PEAK DISCHARGES**

Wash	Location	Regulatory	Design
<p>Note: The following list is not all-inclusive; remaining watersheds are also subjected to Pima County Floodplain Management Ordinance Restrictions. Listed discharges are subject to review and revision due to urbanization and improvements; check with Floodplain Management Section staff before their use.            Unless otherwise noted, design discharges shall be 20 percent greater than regulatory discharges.</p>			
Agua Caliente Wash	Tanque Verde Wash	13,000	18,000
	Soldier Canyon	12,000	18,000
	Molino Canyon	9,000	14,000
	above La Milagrosa Canyon	4,966	
Airport Wash	Santa Cruz River Alvernon Road	8,100 7,090	13,100
Ajo Wash	.5 miles west of La Cholla and Ajo	2,938	
Alamo Wash	Ft. Lowell	6,250	
Anklam Wash	Anklam Road	3,461	
Atterbury Wash	Stella Road	4,168	
Big Wash	Canada del Oro	18,300	23,300
	Honey Bee Wash	16,900	21,900
Black Wash	Ajo-Benson Highway	8,872	
	Valencia	8,430	
Blanco Wash	Los Robles Wash	17,000	22,000
Bowes Wash	Tres Lomas Wash	2,006	
Brawley Wash	Los Robles Wash	35,000	40,000
Caliente Hills Wash	National Forest	2,899	
	Agua Caliente Wash	2,473	
Camino del Oeste Wash	Santa Cruz River	6,747	
Camino Real Wash	Rillito Creek	2,516	
Campbell Wash	Rillito Creek	2,899	
Canada Wash	Mission Road	782	

Canada del Oro Wash	Santa Cruz River	28,000	33,000
	Big Wash	21,000	26,000
	Sutherland Wash	17,500	22,500
Canyon del Salto Wash	Tanque Verde Wash	6,190	
Carmack Wash	Hardy Road	5,595	
	Thornycroft Road	4,980	
Casas Adobes Wash		3,252	
Castle Rock Wash	Tanque Verde Road	2,148	
Christmas Wash	Rillito Creek	4,500	
Cienega Creek	Pantano	18,000	28,000
Citrus Wash	Roller Coaster Road	1,562	
Craycroft Wash	Rillito	4,228	
	Center Village Drive	4,130	
Cuprite Wash	Fagan Wash	3,171	
Dakota Wash	Mission Road	4,190	
Davidson Canyon Wash	Vail	19,000	
Deep Well Ranch Wash	Redington Road	770	
Dodge Tank Wash	Canada del Oro Wash	11,004	
Enchanted Hills Wash	Mission Road	4,054	
Esperero Wash	Ventana Canyon Wash	8,440	
	Sunrise Drive	9,116	
Fagan Wash (includes Cuprite Wash)	Lee Moore Wash	7,817	
Ferreo Wash	Tanque Verde Creek	968	
Finger Rock Wash	Rillito River	5,779	
Flato Wash	Lee Moore Wash	2,652	
Flecha Caida Wash	Swan Road	1,604	
Flowing Wells Wash	Ft. Lowell Road	5,698	
Forty-Niners Wash	National Forest Boundary	4,578	
	Tanque Verde Road	3,500	
Franco Wash	Santa Cruz River	6,388	

Freeman Wash	Tanque Verde Creek St. James Road	2,467 2,785	
Friendly Village Wash	Rillito River	2,250	
Fuller Wash	Fuller Road	4,162	
Garfield Wash	La Cholla Road	1,949	
Geronimo Wash	Orange Grove Road	3,650	
Gibson Arroyo-Ajo, AZ	2nd Avenue Highway 85 Rasmussen Road	2,400 3,990 5,100	
Golder Wash	Confluence w/Sutherland	5,200	
Green Valley Drainageways: 1 2 3 6 7 8 9 10 11 12 14 15 16 17 18 19 20 22 23 24 25	at the Santa Cruz River	(Present) 732 564 2,921 2,363 1,167 672 3,043 108 290 117 170 42 271 1,718 210 314 440 298 892 1,160 1,150	(Future) 873 3,686 4,169 1,794 4,292 1,973 910 1,207 1,189
Gunnery Range Wash	Lee Moore Wash	5,736	
Hardy Wash	Camino de Oeste Road	4,536	
Hughes Wash	Hughes Access Old Nogales Highway Santa Cruz River	2,416 7,946 6,021	
Idle Hour East	Santa Cruz River	9,257	

Idle Hour Wash	Sunset Road	5,743	
Indian Hills Wash	Bear Canyon Road Catalina Highway	1,935 1,340	
Julian Wash	Ajo Gage Wilmot Road	8,500 7,500	13,500 12,500
King Canyon Wash	Kinney Road	3,902	
La Milagrosa Canyon	above Agua Caliente Wash	3,892	
Lee Moore Wash	Santa Cruz River	20,866	
Little Brawley Wash	32· 7 25" 111· 19' 45"	13,440	
Los Robles Wash	Blanco Wash	37,000	42,000
Main Interceptor Channel	DMAFB	5,450	
Mescal Arroyo	Pantano Creek	12,000	
Monument Wash	Speedway Road	9,495	
Mountain Wash	Rillito Creek	450	
Nanini Wash	Rillito Creek	3,071	
Old Grandad Tank Wash	Redington Road	4,278	
Painted Hills Wash	Ironwool/Greasewood Roads	3,848	
Pantano Creek	Rillito Creek Houghton Road Rincon Creek Vail	32,000 31,000 29,000 30,000	37,000 36,000 34,000 35,000
Pegler Wash	Rillito Creek	4,000	
Pretty Ranch Wash	Lee Moore Wash	783	
Picture Rock Wash	Picture Rocks Road	3,479	
Pima Wash	Rillito Creek Geronimo Wash	5,300 4,250	10,300 9,250
Pusch Ridge Wash	Highway 89	2,803	
Race Track Wash	Rillito Creek	2,100	
Rillito Creek	Santa Cruz River	32,000	37,000
Rincon Creek	Pantano Creek	21,000	26,000

	Coyote Wash Sentinel	18,500 16,000	24,000 21,000
Rinconado Wash	Redington Road	949	
Robb Wash	Tanque Verde Creek	3,526	
Roller Coaster Wash	Rillito Creek	2,300	
Rooney Wash	Highway 89	3,960	
Sabino Creek	Tanque Verde Creek Bear Creek	18,000 12,500	23,000 17,500
Santa Cruz River	Continental Road Congress Road Cortaro Road	45,000 60,000 70,000	55,000 70,000 80,000
San Pedro River	Redington Road	50,000	70,000
Soldier Wash	Soldier Trail Road	5,050	
Sopori Wash	Highway 89	19,900	24,900
South Interceptor Channel	DMAFB	3,252	
Summit Wash	Lee Moore Wash	874	
Sutherland Wash	National Forest Catalina State Park	12,800 13,656	
Sycamore Canyon	Lee Moore Wash	7,793	
Sweetwater Wash	Silverbell Road	6,011	
Tanque Verde Wash	Rillito Creek Sabino Creek Agua Caliente Wash Canyon del Salto Wash	34,000 28,000 23,000 16,000	39,000 33,000 28,000 21,000
Tanuri Wash	River Road	2,682	
Tanuri Wash (east branch)	Tanuri Wash	1,131	
Tortolita Fan	Canada Agua Canyon @ I-10 Cochie Canyon @ I-10 Cottonwood Canyon @ I-10 Derrio Canyon @ I-10 Eastern Limit of Fan @ I-10 Guild Canyon @ I-10 Ruelas Canyon @ I-10	5,255 5,779 5,439 5,229 4,084 4,561 4,604	

	Unnamed Canyon @ I-10 Wild Burro @ I-10	4,340 5,831	
Tres Lomas Wash	Tanque Verde Wash	4,379	
Twenty-Seven Wash	Sec. 3/4 T11 R14	3,796	
Valley View Wash	River Road	3,947	
Ventana Canyon Wash	Tanque Verde Creek Above Esperero Wash Below Esperero Wash Sunrise Drive	9,371 11,082 14,775 10,770	
Via Entrada Wash	Rillito Creek	2,500	
West Branch Santa Cruz	Valencia Road	8,100	13,100
Wyoming Wash	Mission Road	2,235	

<b>APPENDIX 2 TABLE OF FLOODPLAIN ORDINANCES</b>		
<b>ORDINANCE</b>	<b>DATE ADOPTED</b>	<b>EFFECT</b>
1974-86	December 16, 1974	Floodplain Management and Erosion Hazard Ordinance first adopted by the board of supervisors.
1983-FC1	July 12, 1983	Adopted by the board of supervisors. Replaced Ordinance 1974-86.
1984-FC1	July 24, 1984	Adopted by the board of supervisors. Amended Article V, VI, and VII Sec. C of Ordinance No. 1983-FC1.
1985-FC1	May 7, 1985	Adopted by the board of directors of the Pima County flood control district. Replaced Ordinance No. 1984-FC1.
1988-FC1	April 12, 1988	Adopted by the board of directors of the Pima County flood control district. Replaced Ordinance No. 1985-FC1.
1988-FC2	December 6, 1988	Adopted by the board of directors of the Pima County flood control district. Replaced Ordinance No. 1985-FC1.

1989-FC1	March 21, 1989	Adopted by the board of directors of the Pima County flood control district. Provided procedures for the use of district rights-of-way and adopted regulations for the issuance of right-of-way permits by the flood control district. (Not codified in this code.)
1994-FC1	February 7, 1995	Denied.
1994-FC2	July 19, 1994	Adopted by the board of directors of the Pima County flood control district. Established riparian habitat protection and mitigation regulations and the riparian habitat maps.
1995-FC1	August 1, 1995	Adopted by the board of directors of the Pima County flood control district. Amended Ordinance 1994-FC2 by adopting new riparian habitat maps which more precisely delineated the location of riparian habitat areas.
1998-FC1	July 14, 1998	Adopted by the board of directors of the Pima County flood control district. Amended articles IV; IX Section B; X Section C, D and E; XI Section C; and XII by adding a new Section I.

**APPENDIX 3  
REFERENCE TABLE**

<b>CODIFIED SECTION</b>		<b>OLD SECTION NUMBER</b>
16.04	General Provisions	
16.04.010	Short title.	Article I
16.04.020	Contents and purpose of provisions.	Article II. Sec. B
16.04.030	Application and enforcement.	Article II, Sec. A and E
16.04.040	Performance standards.	Article II, Sec. F
16.04.050	Interpretation of provisions-Conflict resolution.	Article II, Sec. D
16.04.060	Cooperative agreements and consultants.	Article XXI, Sec. A
16.04.070	Units of measure.	Article XXI, Sec. C
16.04.080	Warning and disclaimer of liability.	Article III
16.08	Definitions	Article IV

16.08.010	Application of definitions.	
16.08.020	Balanced drainage basin.	
16.08.030	Base flood.	
16.08.040	Base flood elevation.	
16.08.050	County engineer.	
16.08.060	Critical drainage basin.	
16.08.070	Critical or balanced drainage basin management plan.	
16.08.080	Detention system.	
16.08.090	Development.	
16.08.100	Drainage area.	
16.08.110	Dry well.	
16.08.120	Dwelling unit.	
16.08.130	Encroachment, equal degree of.	
16.08.140	Erosion hazard area.	
16.08.150	Flood or floodwaters.	
16.08.160	Floodplain management.	
16.08.170	Floodplain management board.	
16.08.180	Floodplain management regulations.	
16.08.190	Floodplain use permit.	
16.08.200	Flood proofing.	
16.08.210	Floodway area.	
16.08.220	Floodway fringe area.	
16.08.230	Geologic floodplain.	
16.08.240	Levee.	
16.08.250	Lowest floor.	
16.08.260	Manufactured home.	
16.08.270	Manufactured home park or subdivision.	
16.08.280	Mean sea level.	

16.08.290	Obstruction.	
16.08.300	Person.	
16.08.310	Reach.	
16.08.320	Reclamation plan.	
16.08.330	Regulatory flood elevation.	
16.08.340	Regulatory floodplain or flood-prone area.	
16.08.350	Retention system.	
16.08.360	Setback.	
16.08.370	Sheet flooding.	
16.08.380	Structure.	
16.08.390	Variance.	
16.08.400	Violation.	
16.08.410	Watercourse.	
16.08.420	Watershed.	
16.12	Exemptions and Nonconforming Uses	Article V
16.12.010	Exemptions from Title 16 regulations.	Article V, Sec. A
16.12.020	Review of plans-Uses authorized without permit.	Article V, Sec. B
16.12.030	Use permit required when.	Article V, Sec. C
16.12.040	Liability for increasing flood hazards.	Article V, Sec. D
16.12.050	Nonconforming uses permitted when.	Article V, Sec. E
16.16	Floodplain Maps and Boundaries	Article VI
16.16.010	Boundaries shown on maps.	Article VI, Sec. A
16.16.020	Studies and maps adopted by reference.	Article VI, Sec. A1
16.16.030	Areas subject to revision.	Article VI, Sec. A2
16.16.040	Engineering studies and map preparation.	Article VI, Sec. A6
16.16.050	Undelineated areas-Land owner responsibility.	Article VI, Sec. A3

16.16.060	Floodplains-Basic delineation of areas.	Article VI, Sec. A4
16.16.070	Floodplains-New delineations required when.	Article VI, Sec. A5
16.16.080	Boundary determination Questions.	Article VI, Sec. A7
16.20	Use Permits	Article VII
16.20.010	Floodplain use permit-Required when.	Article VII, Sec. A1
16.20.020	Permit-Information requirements.	Article VII, Sec. C
16.20.030	Permit-Issuance conditions-Notices of development.	Article VII, Sec. B
16.20.040	Permit-Specific conditions authorized.	Article VII, Sec. E
16.20.050	Permit-Denial conditions.	Article VII, Sec. D
16.20.060	Permit-Revocation.	Article VII, Sec. G
16.20.070	Certification of elevation.	Article VII, Sec. J
16.20.080	Structures deemed nuisance when-Remedies.	Article VII, Sec. A2
16.20.090	Remedies for damages-Actions authorized.	Article VII, Sec. A3
16.20.100	Removal of violation authorized when.	Article VII, Sec. H
16.20.110	Recovery of administrative and other costs.	Article VII, Sec. I
16.20.120	Violation-Penalty.	Article VII, Sec. F
16.24	Floodway Requirements	Article VIII
16.24.010	Uses allowed.	Article VIII, Sec. A
16.24.020	Limited and unallowed uses.	Article VIII, Sec. C
16.24.030	Flood control structures.	Article VIII, Sec. D
16.24.040	Sand, gravel and other excavations.	Article VIII, Sec. B
16.28	Floodway Fringe Area Requirements	Article IX
16.28.010	Uses allowed.	Article IX, Sec. A
16.28.020	Conditions applicable to all uses.	Article IX, Sec. B
16.28.030	Fill and fill materials.	Article IX, Sec. B1

16.28.040	Structures-Construction restrictions.	Article IX, Sec. B2
16.28.050	Storage of materials and equipment.	Article IX, Sec. B3
16.28.060	Utilities and sanitary facilities.	Article IX, Sec. B4
16.28.070	Sand, gravel and other excavations.	Article IX, Sec. B5
16.32	Manufactured Homes and Manufactured Home Parks and Subdivisions	Article XI
16.32.010	Permit requirements and exemptions.	Article XI, Sec. A
16.32.020	Anchoring requirements.	Article XI, Sec. B
16.32.030	Location and placement conditions.	Article XI, Sec. C
16.32.040	Certification requirements.	Article XI, Sec. D
16.36	Subdivisions and Development	Article XII
16.36.010	Suitability of land.	Article XII, Sec. A
16.36.020	Plans and plans to show areas subject to flooding and erosion.	Article XII, Sec. B1
16.36.030	Grading and drainage improvement.	Article XII, Sec. B2
16.36.040	Floodplain and floodway boundaries-Drainage areas.	Article XII, Sec. B4
16.36.050	Development plan-Advisories to other jurisdictions.	Article XII, Sec. B7
16.36.060	Street elevation requirements.	Article XII, Sec. C
16.36.070	Building site location restrictions.	Article XII, Sec. D
16.36.080	Setbacks from channels.	Article XII, Sec. E
16.36.090	Rights-of-way for drainage.	Article XII, Sec. F
16.36.100	Detention/retention systems.	Article XII, Sec. G
16.36.110	Cost recovery for drainage or flood control improvements.	Article XII, Sec. H
16.36.120	Drainage channels.	Article XII, Sec. I
16.40	Erosion Hazard Areas and Building Setbacks	Article XIII

16.40.010	Building setback requirements.	Article XIII
16.40.020	Setbacks near major watercourses.	Article XIII, Sec. A
16.40.030	Setbacks from minor washes.	Article XIII, Sec. B
16.44	Vehicular Access	Article XIV
16.44.010	Purpose of provisions-Allocation of responsibility.	Article XIV, Sec. A
16.44.020	Areas of applicability.	Article XIV, Sec. B
16.44.030	Access requirements-Property owner duties.	Article XIV, Sec. C
16.48	Runoff Detention and Retention Systems	Article XV
16.48.010	Runoff reduction required when-Specifications adopted.	Article XV
16.48.020	Balanced and critical basins-Development conditions.	Article XV, Sec. A
16.48.030	Structural flood control measures.	Article XV, Sec. B
16.48.040	Fee in lieu of detention/retention requirements.	Article XV, Sec. C
16.48.050	Maps of balanced and critical basins.	Article XV, Sec. D
16.52	Sediment and Erosion Control	Article XVI
16.52.010	Application of chapter provisions.	Article XVI, Sec. C
16.52.020	Soil investigations.	Article XVI, Sec. B
16.52.030	Grading or alteration of watercourses.	Article XVI, Sec. A
16.54	Watercourse and Riparian Habitat Protection and Mitigation Requirements	Article X
16.54.010	Purpose.	Article X, Sec. A
16.54.020	Description.	Article X, Sec. B
16.54.030	Applicability.	Article X, Sec. C
16.54.040	Permits.	Article X, Sec. D

16.54.050	Mitigation.	Article X, Sec. E
16.54.060	Review process.	Article X, Sec. F
16.54.070	Variations and appeals.	Article X, Sec. G
16.54.080	Riparian habitat maps.	Ordinance No. 1998-FC1
16.56	Variations	Article XVIII
16.56.010	Authority to issue variations.	Article XVIII, Sec. A
16.56.020	Issuance-Required findings.	Article XVIII, Sec. B
16.56.030	Covenants-Notice of land exchange restriction.	Article XVIII, Sec. C
16.56.040	Notice to adjacent jurisdictions.	Article XVIII, Sec. D
16.60	Amendments	Article XIX
16.60.010	Amendments require public hearing process.	Article XIX, Sec. A
16.60.020	Petition, study and determination procedures.	Article XIX, Sec. B
16.64	Appeals	Article XVII
16.64.010	Filing of appeals.	Article XVII, Sec. A
16.64.020	Public hearing procedures.	Article XVII, Sec. B
16.68	Violation-Penalty	Article XX
16.68.010	Unlawful activities designated-Penalty.	Article XX, Sec. A & B