

# Palo Alto Emergency Services Volunteers FRS Channel Updates

Effective 1 October 2022



## Purpose of this change.

To improve our FRS communications system by better aligning FRS channel use to the size of our neighborhoods. Some neighborhoods remain the same, while others will change, listed in Red below.



Neighborhood	Old		New		Pwr (watts)
	Channel	Tone	Channel	Tone	
Adobe Meadow	15	33	15	33	2
Altaire/Kehillah/Moldaw	11	20	13	20	0.5
Barron Park 1	8	10	8	10	0.5
Barron Park 2	10	10	5	10	2
Barron Park 3	5	10	10	10	0.5
Barron Park 4	2	10	2	10	2
Channing House	13	5	13	5	0.5
Charleston Gardens, Village, Greenhouse	12	31	12	31	0.5
Charleston Meadows	14	31	14	31	0.5
College Terrace	8	13	6	13	2
Community Center	10	23	10	23	0.5
Crescent Park	12	2	2	2	2
Downtown North	10	32	7	32	2
Duveneck/St Francis	5	14	5	14	2
Esther Clark Park	10	27	10	27	0.5
Evergreen Park	10	24	9	24	0.5
Fairmeadow	12	3	12	3	0.5
Green Acres 1	12	10	12	10	0.5
Green Acres 2	11	10	13	10	0.5
Greendell	4	14	4	14	2
Greenmeadow, Walnut Grove	7	0	7	0	2
Leland Manor	6	34	6	34	2
Mayfield & Palo Alto Central	8	16	13	16	0.5
Meadow Park	10	26	9	26	0.5
Midtown 1	12	11	1	11	2
Midtown 2	14	11	14	11	0.5
Midtown 3	4	8	4	8	2
Midtown 4	18	11	18	11	2
Midtown 5	3	8	3	8	2
Miranda	5	0	5	0	2
Monroe Park	10	31	10	31	0.5
Old Palo Alto	19	36	19	36	2
Palo Alto Hills	12	13	12	13	0.5
Palo Alto Orchards	14	10	14	10	0.5
Palo Verde	16	17	16	17	2
Sand Hill Corridor: Stanford West, Oak Crk	14	14	14	14	0.5
Southgate	8	19	8	19	0.5
Triple El	9	7	9	7	0.5
University South, Professorville	13	5	16	5	2
Ventura	10	2	1	2	2

## Planning Summary:

1. There are a total number of 13 changes to currently assigned neighborhoods, noted in Red on the matrix at page 1.
2. Large neighborhoods are for the most part assigned 2 watt channels.
3. Try to limit 2 watt channels to no more than two neighborhoods.
4. Medium and small neighborhoods will be assigned to .5 watt channels.
5. No more than 4 Neighborhoods on same .5 watt channels.
6. Use geographic distance to keep same channels as far apart as possible to reduce interference.
7. Recognize that channels 15 through 22 can be used for GMRS repeaters We will stay off of 17,20,21,22.
8. CERT groups, when deployed, will use 11/0 for team communications, instead of 5/5.

