Race, 11:15; Farm and Home Hour, 11:30.

12 Noon to 1 p.m.

KMTR—Al Jarvis, 12; KFI—Shopping Tour, 12; The Gospel Singus, 12:15; Synconations, 12:30.

The Guiding Light, 12:45.

KMPC—Health Talk, 12: News, 12:15

Ausic, 12:30.

KEHE—Swing Time, 12; Moods at Noon, 12:15; Talk, 12:45.

KHJ—Ben Sweetland, 12: News, 12:15; Stock Reports, 12:25; Rudy Bundy Orch, 12:30.

KFWB—High Lights, 12: Music, 12:10; Soil Bright Orch, 12:45.

KNV—Music, 12: Peace Program, 12:15; News, 12:15; Play Days, 12:45; NewSpaper of the Air, 12:45.

KRKD—Music, 12; Talk, 12:15; Saddle Pals, 12:30.

KGIJ—News, 12.

KFOX—High Lights, 12; Music, 12:10; Closing Grain and Stock, 12:35; Music, 12:45.

KFAC—Times News, 12; Music, 12:10.

KGER—News, 12: Talk, 12:30; Chaparral Club, 12:45. Before 7 a.m. Before 7 a.m.

KMTR—Callfornia Theater, 5.

KMPC—Air Ambassador, 6; Music, 6:45

KEHE—Musical Clock, 6.

KHJ—Rise & Shine, 6.

KFVB—Spanish Program, 6.

KFVB—Spanish Program, 6.

KNN—Sunrise Salute, 6.

KNN—Sunrise Salute, 6.

KNRD—Doug Douglas, 6:45.

KGFJ—Records, 6.

KGFJ—Records, 6.

KFON—El Despertador, 5.

KFAC—Records, 6.

KFAC—Records, 6. 7 to 8 a.m. KFI—Thesaurus Transcription, 7: On the Job. 7:30: Church Quarter Hour, 7:45. 7:45. KMPC—Covered Wagon Jubilee. 7. KHJ—News. 7:45. KFWB—News. 7:30: Happy Jack Kay, KHID—Covered Wagon Jubilee 7, KHID—Sews, 7:43.
KRID—News, 7:43.
KRID—News, 7:43.
KRYD—Musik, 7:30.
KNX—News, 7:30. Musik, 7:45.
KNYD—Musik, 7:30.
KNX—News, 7:30. Dr. Ford, 7:40.
KRYD—Musik, 7:30. Pr. Ford, 7:40.
KRYD—Musik, 7:30. Pr. Ford, 7:40.
KRYD—Musik, 7:30. Pr. Ford, 7:40.
KRYD—Musik, 7:30. Mildred Lager, 7:13: News, 7:30. Mildred Lager, 7: News, 8: Golden Moments, KRYL—Handeldt States, 8: Advanced Lager, 7: News, 8: Golden Moments, KRYL—Handeldt States, 8: Advanced Lager, 7: News, 8: Golden Moments, 7: News, 8: Golden Moments, 7: News, 8: News, KFWB—News, 7:30: Happy Jack Kay, 7:40.

KFVD—Musle, 7:30.

KNX—News, 7:30: Musle, 7:45.

KRRD—News, 7:45.

KFOX—News, 7:30: Dr. Ford. 7:40.

KFAC—Dunkers' Club. 7.

KGER—Dorls and Clarence, 7: Rev.

Aubrey Lee, 7:15.

KECA—The Vagabond. 7: Young Hickory, 7:15: News, 7:30: Mildred Lager, 7:45. 1 to 2 p.m.

## Shortwave Log

MORNING

-Japan. JZK (15.16,) JZJ (11.80) Entertainment. -Java. PLP (11.00.) YDB (0.66) Javanesc music. -Honskong. ZBW (9.52) Mu-sical program. 6:00-

AFFENNOON

1:30—Singing Lady. W8XK

(15.21.)

2:45—Lowell Thomas. W8XK

(15.21.)

4:35—London. GSP (15.31.) GSD

(11.73) Swift screnade.

EVENING

9:45—Japan, JZK (15.16) Popular songs. 10:30—Australia, VK3LR (9.58)

News.
11:00—France, TPA3 (11.89) Musical.
London—GSD (11.75.) GSI (15.26.)
GSG (17.79.)
6:00—Music Hall.
7:00—Vloloncello recital.
7:40—News.
South America
5:00—Cuba COCH (9.42.) COCQ

901th America 5:00—Cuba. COCH (8.42.) COCQ (9.75.) Cuban music. 5:30—Buenos Aires. LRX (9.66) Dance music. 7:00—Mexico City. XEWW (9.50) Musical selections.

Germany—DJD (11.77,) (15.20,) DJR (15.31.) 7:30—News in English. 7:45—Letter Box.

KNN-Magazine of the Air. 11; Fiet KMTR

KHJ—Rhythm Orch., 11: Islam Jones Lico Estr.
Orch., 11:30.

KFWB—Music, 11.

KFVD—Music, 11: Shopping Hints, 11:30.

11:30.

KNX—Magazine of the Air, 11: Flet KMTR—Sad

KRKD—Strolling Tom, 11; Music, 11:15; News, 11:30; Music, 11:45. KGFJ—News, 11; Dr. Wiseman, 11:13; Music, 11:30; I1:30; KFOX—Melody, 11; Music, 11:15; News, 11:30; Friendly Store, 11:45. KFAC—Music, 11. KGER—Rev. Harms, 11; Sons of Pioneers, 11:30. KFOA—Know Your Child, 11: Trotting KECA—Know Your Child, 11: Trotting AURIC-Rev. Harms, 11; Sons of Pio-neers, 11:30, KECA-Khow Your Child, 11; Trotting Race, 11:15; Farm and Home Hour, 11:30,

AMISIC. 10: Alcuntaneers, 10:30; Misic. 10:45. KECA—News Period. 10: Crosscuts, 10:15: United States Navy Band, 10:30.

11 a.m. to 12 Noon

11 a.m. to 12 Noon

12 Noon

13 Am. to 12 Noon

13 Am. to 12 Noon

14 Am. to 12 Noon

15 Amisic. 11:25: Music. 4:15: Music. 4:30: Mery Deport, 4: Music. 4:30: Dr. Reynolds, 4:30: Don Aulifie Orch. 4:45: Misic. 4:30: Accolanty Trio, 4:45. KRI—Pepper Young's Family. 11: Mark Perkins. 11:13: Vic and Sade. 11:30; Trio, 4:45. KRID—Music. 4: Hawalians. 4:45. KRID—Music. 4: Hawalians. 4:45. KRID—Music. 4: Hawalian Paradisc. 4: Trio, 4:45. Misic. 4:45. KRID—Music. 4: Hawalian Paradisc. 4: Trio, 4:45. Misic. 4:45. KRID—Music. 4: Trio, 4:45. KRID—Pertinent Paragraphs, 11: Minited Melodles. 11:15: Have You Heard. 11:30: Jack Owens. 11:45. KRID—Parade of Good Books. 4: Plane Departure, 4:15: Music, 4:30: Namine. 4:45. KRID—Music. 11: Shopping Hints, 11:30: Music. 11: Music, 4:30: Misic. 4:45 to 6. KRID—Music. 11: Music. 11: Misic. 11: Misi

5 to 6 p.m.

KMTR—Saddle Pals, 5: Golden Moments, 5:55.

KF1—News Period, 5: Famons Songs, 5:15: Hour of Charm, 5:30.

KMPC—Muna Content, 5: Cub Reporter, 5:15: Music, 5:30.

KH3—Joe Sanders Orch, 5; Symphonic Strings, 5:30.

KFVB—News for Children, 5: Story Town Express, 5:15: Music, 5:30.

KFVB—News for Children, 5: Story Town Express, 5:15: Music, 5:30.

KFVD—Music, 5: Race Results, 5:30: Music, 5:50.

KGF1—News, 5.

KFON—Music, 5: Talk, 5:30: Talk and Music, 5:40.

KFAC—Music, 5:15: Whoa Bill Club, 3:30.

KFI—Contented Program, 6: Burns and Allen. 6:30.
KGFJ—News. 6: Sports Interview. 6:30.
Music. 6:45.
KMPC—Music. 6:15; Drama. 6:30.
KEHE—Globe Trotter. 6: Race Results. 6:15: German-American Music. 6:30.
KHI—The In-Laws. 6: Frank Watanabe. 6:15: Sports Bull's-eye. 6:30
John B. Hughes. 6:45.
KFWB—News. 6: Resort Reporter 6:15; Jones Pup. 6:30: Texas Drifter 6:45.

6:15; Jones Pup. 6:30: Texas Drifter 6:15.

KFVD—Memories, 6: American Progressive, 6:15: News. 6:30.

KNX—Wayne King Orch... 6: Neck of the Woods, 6:30.

KRKD—Dot Meyberg. 6: Taylor & Kahms. 6:15: Music, 6:30.

KFOX—News. 6: Saddle Tramps, 6:10.

Every Family, 6:30: Music, 6:45.

KFAC—Times News. 6: Wagons West. 6:10: Organ and Steel Gultar. 6:30: Christian Science, 6:45.

KGER—News. 6: Lowell Weeks. 6:15; Music, 6:30: Organ.

KECA—Eugene O'Nelll Cycle. 6: National Radio Forum, 6:30.

7 to 8 p.m.

Tto 8 p.m.

KMITR—Frank Robinson Brown. 7:
Oil Scout. 7:15: Hawalians, 7:30;
Rheba Crawford, 7:45. Uncle Ezra's
Radio Station: 7:15: Voice of Firestone. 7:30.

KEHE—Blue Room. 7: National Defense. 7:15: World Waltzes, 7:30.

KHI—Hollywood Bowl Interview. 7:
Meet Some People. 7:15: The Lone
Ranger. 7:30.

KFWB—Amateur Authors. 7: Music, KHJ—Hollywood Bowl Interview, 7; Meet Some People, 7:15; The Lone Ranger, 7:30. KFWB—Amateur Authors, 7; Music, 7:30; Lillian Burkhard Goldsmith, 7:45.

7:30: Lillian Burkhard Goldsmith, 7:45.
KNN—Scattergood Balnes, 7: Boake Carter, 7:15: Pick and Pat, 7:30.
KFSG—Church Services, 7:45.
KRKD—News, 7: Music, 7:15: Variety Program, 7:30.
KGFJ—Salinas Spanish Hour, 7.
KFON—Eb & Zeb, 7: Bobby & Betty, 7:15: School Kids, 7:30.
KFAC—Short Shots, 7: Montana Cowgirls, 7:13: Social Security, talk, 7:13.
KGER—Jewish International Hour, 7.

7:15. KGER—Jewish International Hour. 7 KECA—Colonial Quartet. 7: Lum & Ab ner. 7:15; Paul Sabin Orch.. 7:30.

8 to 9 p.m.

8 to 9 p.m.

KMTR—Charlie Craft's Discoveries, 8:
Santaella's Orch., 8:30: Music, 8:45.

KFI—Fibber McGee and Molly, 8: Vox
Pop., 8:30.

KEHE—Troubadour, S: Business on
Parade, 8:15; Inventor's Voice, 8:30:
Evening Ensemble, 8:45.

KHJ—Tommy Dorsey Orch., 8: Backyard Astronomer, 8:30: Townsend
Plan, 8:45.

KFWB—George Olson Orch., 8: School
Days of the Air, 8:30.

KNX—Horace Heidt Orch., 8: School
Days, 8:30.

KGFJ—News, 8: Auto Auction, 8:15.

KFOX—Auction, 8:30: Hawail Calls,
8:43.

KFAC—Music, 8: Doctors Courageous,
8:30.

KGER—Rodolfo Hoyos & Orch., 8.

8:30. KGER—Rodolfo Hoyos & Orch., 8. KECA—Safety First, 8; Don Bestor's Orch., 8:15; Symphonettes, 8:30.

Orch., 8:15: Symphonettes, 8:30.

9 to 10 p.m.

KMTR—Music. 9: Chito Montoya's

Music. 9:30.

KFI—Hawthorne House. 9: Monday

Night Special, 9:30.

KMPC—Beverly Hilbillies. 9.

KEHE—Ivan Eppinon. 9: Concert

Minlatures. 9:30.

KIII—News. 9: Drama. 9:15: Happy

Felton's Orch. 9:20: Joe Sanders

Orch. 9:30.

KFWB—Music. 9:45.

KFWB—Music. 9:45.

KNN—Horace Henderson Orch... 9:15:

Easy Aces. 9:45.

KGFI—News. 9.

KFOX—Marty and Roger. 9:15: Sports

Camera. 9:30: Music, 9:45.

KFAC—Jimmy Tolson Fan Fare. 9:

Transcription. 9:30; Plane Take-off.

9:45.

KGER—Dr. A. U. Michelson. 9: Night

9:45. KGER—Dr. A. U. Michelson, 9: Night Justice, 9:39: Transcription, 9:45. KECA—Don Fernando Orch., 9: Meak-ins Musical News, 9:30.

10 to 11 p.m.

10 to 11 p.m.

KMTR—Nows. 10: Walkashow. 10:15:

Music. 10:30: Santaella's Orch... 10:45.

KFl—News. 10: Ben Klassen, 10:15:

Jimmy Grier Orch... 10:30.

KMPC—News, 10: Music, 10:15 to 1 Minny Grief Oren. 10:30.

Minny Grief Oren. 10:30.

REHE—Slumber Time. 10: George Gregory's Oren. 10:30.

KHJ—Dick Gasporre Orch. 10: Witches Tales. 10:30.

KFWB—News. 10: Music, 10:15; Sol Bright Orch. 10:45.

KFVD—Music, 10; News, 10:15; Music. 10:30.

KNN—Newstime, 10: White Fires. 10:15; Music. 10:45.

KGFJ—News. 10: Neal Giannini Orch. 10:15; Hawaiian Hut. 10:45.

KFAC—Times News. 10; Transcription. 10:10: Ben Pollock Orch. 10:30.

KERR—News. 10: Music. 10:15.

KEGA—Musical Celebrities. 'records. 10.

11 p.m. to 12 Midnight

11 p.ut. to 12 Midnight

KMTR—Hawalians. 11: Music. 11:15:
Bud Averill's Orch. 11:30.

KFI—George Olson Orch.. 11: Paul
Martin Orch.. 11:30.

KHI—Ben Pollock Orch.. 71; Pete Pontrefil Orch.. 11:30.

KFVD—Music. 11: Teddy Buckner's
Orch.. 11:30.

KFVD—Music. 11: Teddy Buckner's
Orch.. 11:30.

KFVB—George Redman Orch.. 11:15:
News. 11:45.

KNX—Eddy Fitzpatrick Orch.. 11:
Jan Garber's Orch.. 11:30.

KGPVJ—News, 11:
KFOX—George Redman Orch.. 11:15:
News. 11:45.

KFOX—George Redman Orch.. 11:15:
News. 11:45.

KGPAC—Jack Bunn's Orch.. 11: Ballads
Old and New. 11:30.

KGERL—Tom Moore Orch.. 11: Emerson Scotts Orch.. 11:30.

After Midnight

KFAC—Music, 5:15: Whoa Bill Club, 5:30.

KFCA—Music, 5: Sports Reporter, 5:15; Eugene O'Neill Cycle, 5:30.

f to 7 p.m.

KMTR—Naws, 6: Junior Birdmen, 6:15; California Pension Plan, 6:30.