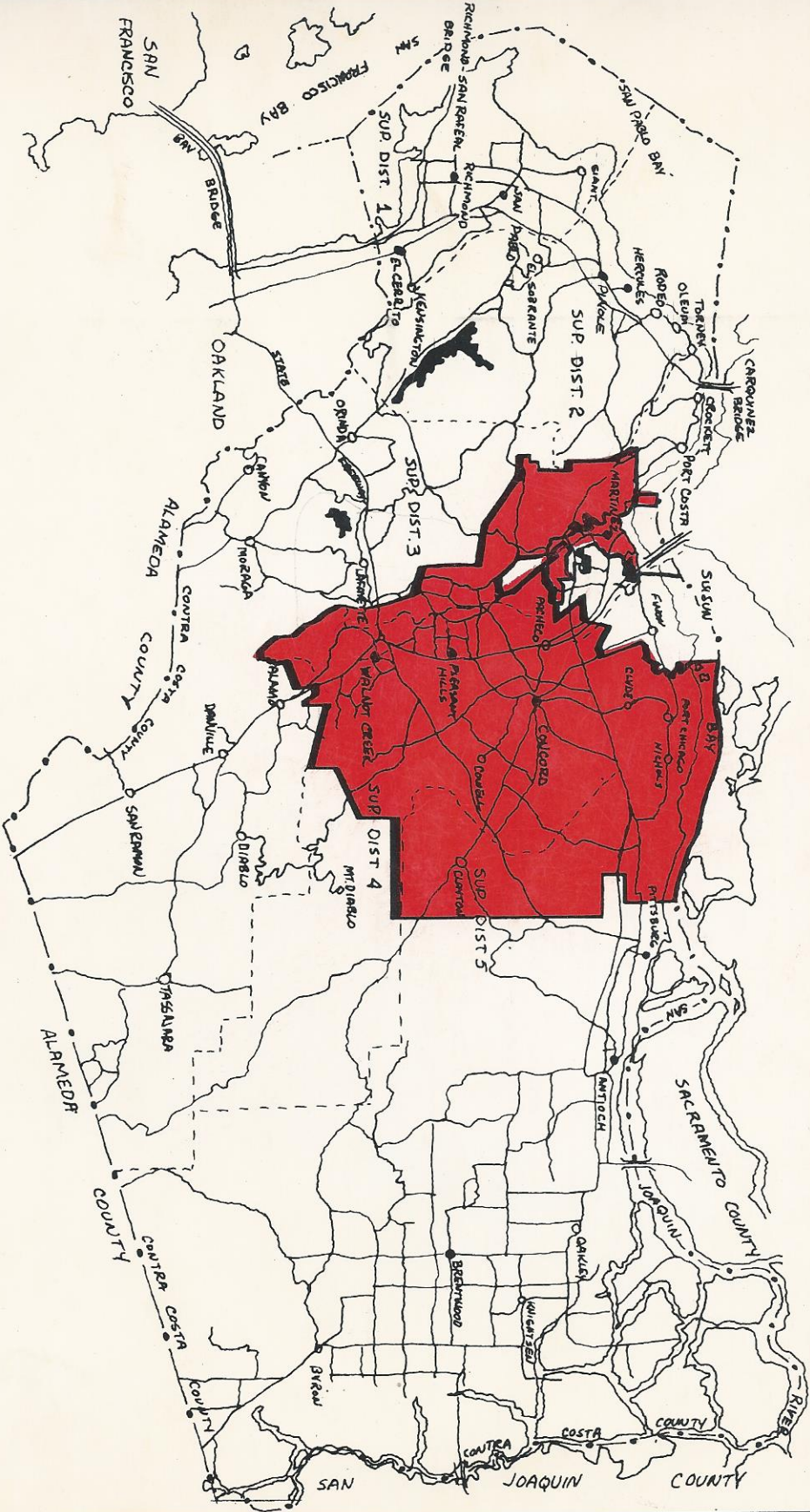


CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT



1968 ANNUAL REPORT



CONTRA COSTA COUNTY

CONSOLIDATED FIRE DISTRICT

FIRE CHIEF

A. V. Streuli

2010 Geary Road

Pleasant Hill, California 94523

TELEPHONE (415) 939-3400

BOARD OF FIRE COMMISSIONERS

H. Alvin Liming, Chairman

Daniel E. Bourvirglio, Vice Chairman

Robert L. Schroder

Leo F. Smarsh

Harold E. Wilder

The Honorable Board of Fire Commissioners
Contra Costa County Consolidated Fire District
Pleasant Hill, California

Gentlemen:

The Contra Costa County Fire Protection District's staff
submits our Fourth Annual Report.

This year, 1968, we again made a great many fire protection
improvements. The second phase of the Fire College (Training
Tower) is now under construction. The Third Phase (Storage
Building) is in the design stage and will be constructed
early this coming year.

With the accomplishment of the reduction of the fire tax rate
again in 1968 to 73¢ per \$100, this would represent a total
reflected savings of \$720,000 to the citizens of our District
this year, based on a 14¢ reduction since the formation of the
Consolidated Fire District in 1964.

This year the District area grew with three annexations:
The City of Martinez on July 1, 1968, voted to join; the City
of Lafayette's City Council decided to join at the same time
Bay Point Fire District became part of the District,
January 1, 1969.

The District area now covers approximately 150 square miles.
We have 18 fire stations and 240 paid employees with 60 reserve
firemen.

We have experienced an extremely busy year with numerous fire
prevention programs now in operation. I am particularly pleased
with the efforts of my staff and total personnel. I am very
pleased with the close cooperation of you, the Board of Fire
Commissioners, for your support in the many committee meetings.
It is only with the joint effort of all of our members that we
have been so successful in our fire protection program.

Respectfully submitted,

A. V. Streuli
Fire Chief



Fire Chief

ALBERT V. STREULI

A Message
from the Chief

Contra Costa County Consolidated Fire District 1968 Annual Report

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TWO

THIS REPORT HAS BEEN COMPILED BY
CAPTAIN FRED B. CAPERTON
Records & Reports Division



Contra Costa County Consolidated Fire District



Commissioner
ROBERT I. SCHRODER

representing

City of
WALNUT CREEK

Peter Howard
Mayor

Benjamin H. Clarke
Vice Mayor

City Councilmen
John Grobe
Robert I. Schroder
Newell B. Case



Commissioner
LEO F. SMARSH

representing

City of
PLEASANT HILL

Leonard E. Grote
Mayor

Frank W. Salfingere
Vice Mayor

City Councilmen
Ben Hartinger
Martin McLaren
James Maguire



Commissioner
DANIEL BOATWRIGHT

representing

City of
CONCORD

Warren Bogges
Mayor

George Krueger
Vice Mayor

City Councilmen
Daniel Boatwright
Daniel Helix
Larry Azevedo



Commissioner
ALVIN LIMING

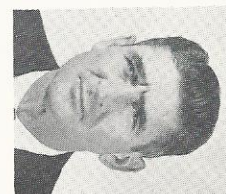
representing

City of
CLAYTON

Ray Ollila
Mayor

Robert Hoyer
Vice Mayor

City Councilmen
Dr. David N. Cook
H. Alvin Liming
Henry J. Wagner



Commissioner
HAROLD E. WILDES

representing

MARTINEZ
AND
UNINCORPORATED
AREAS

Martinez City Council

Rosalie S. Benson, Mayor
Charles Laird, V. Mayor
James Krause

Elwon Lance
John Sparacio

Board of Supervisors
Edmund Linscheid, Dist. 5
Chairman

Alfred M. Dias, Dist. 2
Vice Chairman
James P. Kenny, Dist. 1
James E. Moriarty, Dist. 3
Thomas J. Coll, Dist. 4

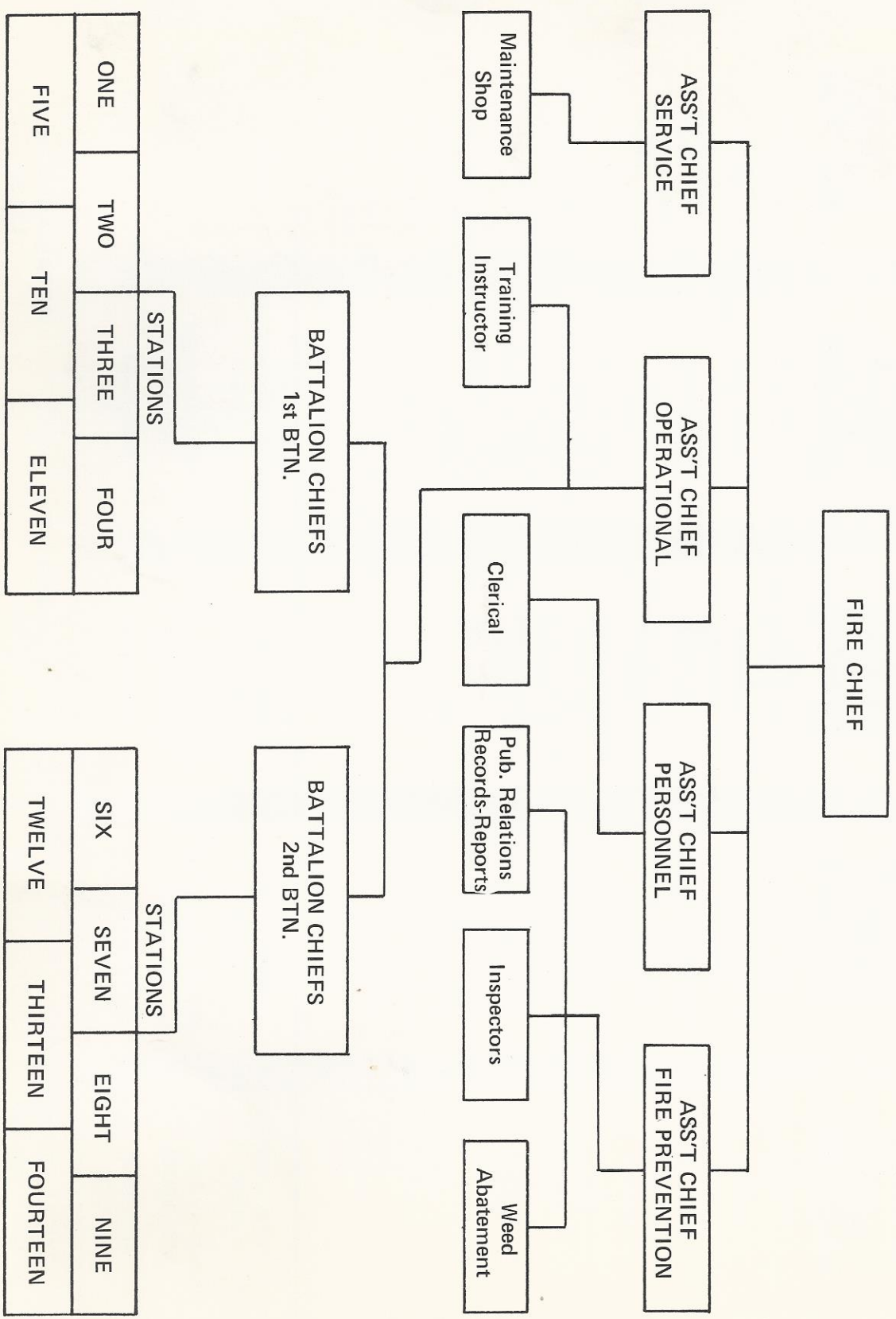
POPULATION 33,850	POPULATION 27,108	POPULATION 83,900	POPULATION 1,296	POPULATION 153,846
ASSESSED VALUATION \$100,860,800	ASSESSED VALUATION \$42,842,610	ASSESSED VALUATION \$149,471,400	ASSESSED VALUATION \$2,504,100	ASSESSED VALUATION \$148,690,845
AREA (Miles) 14.23	AREA (Miles) 7.0	AREA (Miles) 23.216	AREA (Miles) 7/10	AREA (Miles) 82.154

TOTAL POPULATION
300,000

TOTAL ASSESSED VALUATION
\$444,369,755

TOTAL AREA (miles)
127.30

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT
ORGANIZATION CHART



Staff Officers



Assistant Chief
GERALD D. DUARTE



Assistant Chief
FRED L. GOLINVEAUX



Assistant Chief
RICHARD D. STARR



Assistant Chief
ALBERT C. TRETTE



Fire Chief
ALBERT V. STREULI



Battalion Chief
RONALD L. DALTON



Battalion Chief
JOHN W. HILL



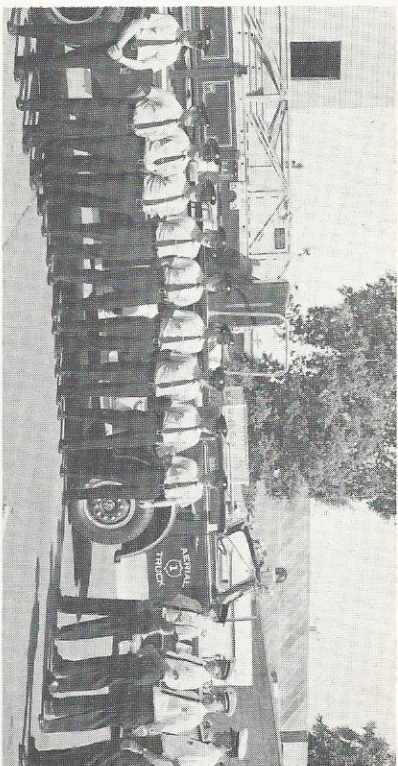
Battalion Chief
BERNARD E. LYNCH



Battalion Chief
RONALD W. SANDMANN



Battalion Chief
CHARLES E. MARSHALL



Personnel Directory

FIRE CHIEF

A. V. Streuli

ASSISTANT CHIEFS

Gerald D. Duarte
Fred L. Golinveaux

Richard D. Starr
Albert C. Trette

FIRE PREVENTION INSPECTORS

Richard D. Brown
John A. Kelley
Robert J. King

William F. Maxfield
Clayton S. McMorran
Robert D. Ross

Herman M. Walden

TRAINING INSTRUCTOR

Jack F. Reshatoff

MECHANIC

Woodrow Brown

CLERICAL

Carolynn A. Pitkin

Barbara L. Farrant
Marion A. McKay

BATTALLION CHIEFS

Ronald L. Dalton
John W. Hill

Bernard E. Lynch
Charles E. Marshall *

Ronald W. Sandmann

CAPTAINS

William E. Billings
Frank R. Bruno*
Fred B. Caperton
Chester A. Clark
Neil M. Collier
Walter E. Davenport
Herb W. DeLaMontanya
Clarence Guessing
James R. Haines
Glenn W. Hartsock
Michael M. B. Irby
Kenneth L. Judkins
William G. Lane
Martin Lippman
James M. Lowrance
Joseph L. Machado
Louis Milliff*
John M. Mulcahy

SENIOR FIREMEN

Orten McCotter
William C. McMannus
James E. Orr
William L. Pedretti
Robert Riegelsberger
George W. Robertson
Harry D. Rose
Albert E. Santos
Dean L. Sherman
William O. Shisler
Zane T. Spomer
Harry Stubblefield
Richard G. Sullivan
Edward Varrio
Billie R. Vittitow
Frank H. Walden, Jr.
George A. Walden
William C. Walker

Melvin P. Arens
Eugene R. Babcock
George A. Bottom
Jackson W. Brown
Clyde E. Bruce*
John D. Burke
John C. Clary
Martin A. Collins
Robert W. Cullen
Richard Del Fiorentino*
Alfred G. Delgado
Earl L. Duncan
John N. Ebert
Steven D. Ellison
Cameron Eye
Robert E. Fuerst
Richard M. Garren
William A. Gray
Marlin G. Guessing
William A. Hall
Ronald L. Herrick
Harvey Huteball*
Leroy Jenkins
Cyril M. Kenney

Stuart V. Wright

Bruce A. Kingham
Virgil Littlejohn
Hugh A. Lyle
Gorden T. Maguire*
James P. Mealley
Warren F. Montague
Ralph H. Orland
Salvatore P. Parisi
James E. Parkinen*
Stephen P. Paulick
Larry D. Peebles
Laurence C. Read
Franklin L. Reynolds
Robert J. Scott*
Robert E. Scrimiger
Donald J. Shively
Andrew D. Silva
Jesse T. Slusher
Robert Smith
Leo J. Stanton
Carl Sterling
Paul R. Summers*
Richard L. Toler*
Vaughn F. Weaver

FIREMEN

- Robert Adams
- Nils Anderson
- Stanley Armoskus, Jr.
- Forrest A. Aten
- Albert A. Bascou
- Roger W. Berg
- Bennie Best
- Richard F. Bobrosky
- Robert I. Boehler
- John F. Bowen
- William T. Brennan
- Lloyd D. Brockett
- Billie Casey
- Jerome T. Casey
- Richard T. Chapman
- Lewis J. Chryssikos
- Don E. Compton
- John R. Cooper
- John E. Cox
- Harold Crofford
- Wilber T. Darnon
- David R. Emery
- Gerald V. Fender
- James L. Friese
- Michael J. Furlong
- Charles M. Gaffney
- William G. Greelman
- Donald A. Gross
- Darrell W. Harguth
- Kenneth L. Harris
- John W. Heiser*
- Lawrence Hellstrom
- Royce R. High
- William Hitt*
- Ronald R. Hovland
- Michael J. Irby
- Gerald R. Jackson
- James A. Jerge
- Cyril H. Jones
- Alexander King
- John D. King
- Peter Kilbourn
- Donald Kruger
- Edward B. Kuidis
- Joseph L. Lappin
- Dennis F. Lawrence
- Benton Wright

- Billy J. Lewis
- Terry W. Lewis
- James D. Lindsay
- Jack A. Lindinger
- George Lynde*
- Andrew Litorno
- Robert G. Mangini
- Robert Manning
- Charles Martinez
- Charles Massolo
- Thomas L. McCully
- Alby Meyer
- Willie H. Middleton
- Raymond Miraglia
- Robert Morrissey
- John F. Mulgrew
- Chester Nelson
- David Newman
- Barney A. Nicholas
- Henry R. Nielson
- Donald J. Nunnally
- Rockne B. Olds
- Philip D. O'Sullivan
- Vernon D. Paulson
- Aart J. Raekwitz
- Oren Ray*
- Lester V. Rodgers
- Marvin L. Rowland
- Douglas L. Rumrill
- Norman Songey
- Roger O. Stanley
- Jules Sweany
- William B. Taylor
- David D. Tipton*
- Stanley F. Tipton
- Richard A. Viera
- Ronnie M. Walker
- Alvin M. Wallen
- Kenneth L. Weltz*
- John A. Westrup
- James R. Whitaker
- William Wilder
- Jack Wilson
- Raymond Winkelman
- Harold Woodman
- Benton Wright

DISPATCHERS

Wayland Dawson

Arnold E. Milhollan

PROMOTIONS

- Jack F. Reshatoff Training Officer
- Oren G. McCotter Fire Captain
- John A. Kelley Inspector
- Robert J. King Inspector
- William F. Maxfield Inspector
- Robert D. Ross Inspector
- Bruce A. Kingham Senior Fireman
- John N. Ebert Senior Fireman
- Richard M. Garren Senior Fireman

NEW PERSONNEL

- Woodrow L. Brown February
- Carolynn A. Pitkin February
- Stanley P. Armoskus August
- Richard T. Chapman August
- Michael J. Irby August
- James A. Jerge August
- Peter Kilbourn August
- Joseph L. Lappin August
- Lester V. Rodgers August
- Marvin L. Rowland August
- Roger O. Stanley August
- Stanley F. Tipton August
- Michael J. Furlong November
- Alexander M. King November
- Donald R. Nunnally November
- Douglas L. Rumrill November
- Jules A. Sweany November
- James R. Whitaker November

RETIREMENT

- Frank L. Johnson (Disability) May
- Otto Peterson (Disability) June

RESIGNATION

- Cynthia Ann Slichter January

MILITARY LEAVE

- Bruce A. Sublette February

* Added to Department, July 1, 1968 by
by Martinez Fire Department Annexation

PERSONNEL INJURY REPORT

In 1967, 134 Personal Injury Reports were received, citing 158 injuries to various parts of the body. Of the 158, 3 were re-injuries.

In 1968, 72 Personal Injury Reports were received, citing 76 injuries to various parts of the body.

1967 - 38 required medical attention
1968 - 25 required medical attention

1967 - 457 Working days lost (407 from 1967 injuries)
1968 - 52 days, 21 hours or 1269 hours lost. Of this 40 days or 960 hours was due to 2 hernia cases. Actual injury loss was 12 days or 309 hours.



Heat Exhaustion — Always a Threat

EIGHT

Activities Report

RESCUE, RESUSCITATOR AND FIRST AID

TYPE CALL	SEX AND NUMBER
Rescue	78
Resuscitator	442
First Aid	126
No Service Required	73
TOTAL	719

CAUSES	SEX AND NUMBER
Convulsions a/o Choking	83
Heart a/o Strokes	239
Electrocutions	1
Sleeping Pills.	14
Auto Accident	90
TOTAL	719

PUBLIC SERVICE CALLS

Animal Rescue	9	Fire Prevention Standby	17
Snakes	3	Fire Prevention Checks	83
Lock-Outs	61	Complaints	23
Washdowns (non-collision)	93	Assist Sick or Injured	6
Other.	84	Miscellaneous Assist.	105
TOTAL	484	TOTAL	484

UTILITY EQUIPMENT

Broken Gas Main or Line	22	Water Main Broken/Leaking	2
Electric Wires Arcing	15	Fire Hydrant Broken/Leaking	37
Electric Wires Down	21	Other	2
Telephone Pole Fire	6	TOTAL	105

MUTUAL AID

Martinez	6	Eastern	3
Pittsburg	0	Island	8
Danville.	10	U.S. Navy	0
Lafayette	18	Tidewater	0
Other	8	Port Chicago.	3
TOTAL	56	TOTAL	56

GRASS AND RUBBISH FIRES

Number of Grass Fires . . .	613	Number of Rubbish Fires . . .	171
Number of Fence Fires . . .	62	Other	109
		TOTAL	955

How many of the fires were confined to the Roadside 108

CAUSES OF GRASS & RUBBISH FIRES

Incinerators . . . . .	.99	Ashes a/o Sparks . . . . .	.50
Fireworks . . . . .	.8	Smoking . . . . .	.78
Welding . . . . .	.4	Rekindle . . . . .	.22
Burning Violation . . . . .	.57	Farm Equipment . . . . .	.2
Burning with Permit . . . . .	.35	Flare Pots or Flares . . . . .	.9
Juveniles . . . . .	.395	Other . . . . .	.196
		TOTAL	955

FIRES IN MOTOR VEHICLES

TYPE VEHICLES

Auto	382	Motor Bikes (all)	14
Trucks	41	Other	26
		TOTAL	463

CAUSES

Electrical Short	68	Smoking	33
Overheated Brakes	19	Welding	9
Collisions	23	Gas Spill	71
Backfire	141	Other	99
		TOTAL	463

FALSE ALARMS

TYPE:

Alarm Box	103	Direct Alarm	7
Telephone Alarm	170	Private System	29
Radio Alarm	5	TOTAL	314

RESPONSIBLE

Juveniles	55	Unknown	145
Adults	114	TOTAL	314

REASON

Bomb Scare	11	Equip. Failure	22
Malicious	87	Unknown	62
Honest Error	132	TOTAL	314

FIRES IN BUILDINGS

COMMERCIAL

Store	54	Service Station	3
Shop	11	Warehouse	5
Garage	1	Factory	6
Motel	3	Other	36
Apartment	44	TOTAL	163

PUBLIC

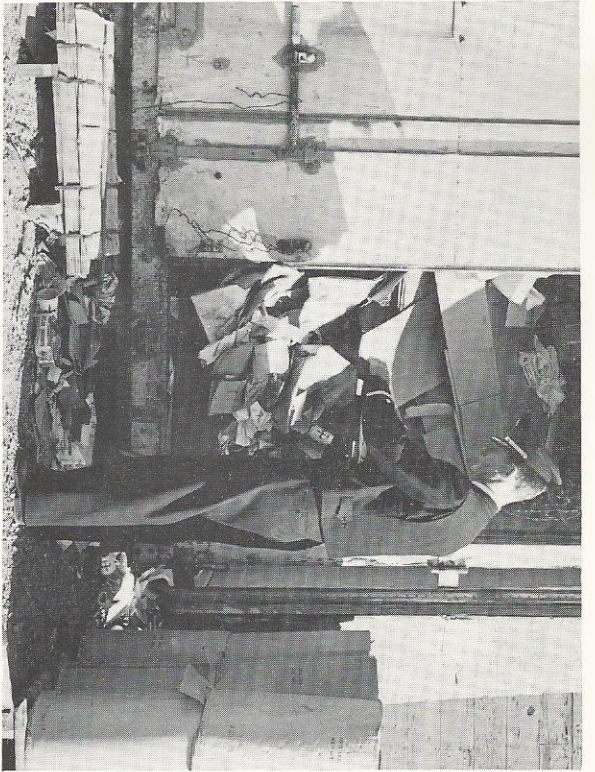
School	13	Office	8
Theater	1	Garage	0
Auditorium	1	Other	10
Meeting Room	1	TOTAL	34

PRIVATE

Dwelling	475	Mobile Home	4
Garage	28	Other	8
Shed	36	TOTAL	551



Grassfire Season



Commercial Inspection

CAUSES OF FIRES IN BUILDINGS

Inchertator	10	Electric Motor. . . . .	.48	Fireworks.	2
Ashes/Sparks	25	Electric Lights. . . . .	.30	Dryers	53
Juvenile Venture	78	Fluor. Lights . . . . .	.0	Washers	18
Flammable Liquid.	25	Heater (gas) . . . . .	.51	Welding	8
Stoves/Cooking.	146	Heater (elec.) . . . . .	.7	Electric Wiring.	91
Arson.	26	Smoking . . . . .	.47	Fireplace	13
Misc/Unknown	70			TOTAL	748

ESTIMATED FIRE LOSS

District	\$150,684.	Pleasant Hill	\$139,220.
Walnut Creek	\$186,983.	Clayton.	\$ 50,125.
Concord	\$323,722.	Martinez	\$ 9,175.
		TOTAL	\$859,909.

HOW THE ALARMS WERE RECEIVED

Telephone	3,954	Direct	192
Radio	160	Private System	72
		TOTAL	4,378

TEN

RESPONSE ANALYSIS

Rescue, Resuscitator & First Aid	218	Dist.	132	W.C. Cncl.	254	P.H. Clay.	86	Mtz.	11	18
Public Service Calls	116	Rescue, Resuscitator & First Aid	116	Public Service Calls	92	Utility Equipment	186	Out of District Response	74	3
Utility Equipment	33	Out of District Response	33	Grass and/or Rubbish Fires	34	Motor Vehicle Fires	30	False Alarms	3	3
Grass and/or Rubbish Fires	56	Motor Vehicle Fires	410	False Alarms	110	Fires in Buildings.	313	Total of Vertical Column	88	16
Motor Vehicle Fires	114	Fires in Buildings.	114	Total of Vertical Column	101	NET TOTAL	166		66	2
False Alarms	69	Total of Vertical Column	69	NET TOTAL	79		104		36	5
Fires in Buildings.	183	NET TOTAL	183		136		301		95	13
Total of Vertical Column	56		56		143		1354		448	53
										106
										3,844

ASSISTING OTHER STATIONS IN DISTRICT

To: Sta. 1	Total Assists	To: Station 8	Total Assists
Station 2	124	Station 9	102
Station 3	58	Station 10	211
Station 4	7	Station 11	18
Station 5	83	Station 12	30
Station 6	79	Station 13	52
Station 7	128	Station 14	14
	0	TOTAL	931



A Training Burn

Annual Training Report

Actions were taken toward general improvement of the training program in 1968. These improvements were in the form of instructor development, visual aids, and additional training staff.

Seventeen potential instructors participated in the 63-hour Junior College Instructor Training course, a qualifying course for the Fire Science teaching credential. In addition, eighteen Emergency Care course instructors reviewed their own materials and techniques.

A major effort was extended in the field of visual aids. As a result of the Fresno Training Officer's Workshop, over thirty color slide series were developed. After many hours of work, our first training film, "Grass Fire Fighting" has been assembled. Final editing and sound dubbing is pending. The shop staff made cut-away models of booster pumps and relief valves.

Most notable advance in the training program was the appointment of the District's first full-time Training Instructor, Jack Reshatoff. The creation of this position upholds the District's position that training is a technical field within itself and demands the skills of a full-time staff technician.

The bid for construction of the training tower and fire main system was awarded to Malpass Construction Company for \$148,130. Work began on July 8.

RECRUIT TRAINING: Seventeen recruits were put through 6-week courses. The course was expanded over previous years to include Emergency Care and to allow a more comprehensive approach to structural fire fighting. Each group held three training fires to climax the training.

COMPANY TRAINING: Company officers conducted station classes and drills for an average effort of 1.82 hours per day. Manipulative drills covered the hose, ladder, salvage, knot tying, driving, pumping, and rescue evolutions. Class topics covered a variety of subjects, with special emphasis on Sprinkler Systems, Electricity, Mental Hydraulics, Fog Fire Fighting Techniques, and Structural Fire Tactics.

TOWER DRILLS: Battalion Chiefs conducted a total of 72 drills for the purpose of evaluating abilities and developing multi-company coordination.

OFFICER SCHOOLS: Battalion Chiefs held battalion-wide sessions on an as-needed basis. This system was tried in order to promote unity of command and to allow Battalion Chiefs to make improvements in companies as the need arose. Only twelve department-wide sessions were held, exclusive of the Management Seminar. Results of this new

system indicate that it is effective.

The most significant achievement in Officer Training was the 20-hour Management Seminar conducted by Dr. George Sugarman. The 41 officers attending the seminar were unanimous in their opinion that this course was the most beneficial.

SPECIAL COURSES: A new course in Extrication Equipment was organized and conducted by Captain Orten McCotter. The course was conducted for stations housing extrication equipment and included actual practice on wrecked automobiles. It has resulted in speedier removal of victims from wreckage and machinery.

Emergency Care was improved and expanded into a 54-hour course which includes Cardio-pulmonary Resuscitation. It is now one of the most extensive courses offered by any fire department.

JUNIOR COLLEGE COURSES Consolidated provided 122 of the enrollments in Fire Science courses. Courses presented were:

- Apparatus and Equipment
- Fire Protection Equipment & Systems
- Hazardous Materials
- Introduction to Fire Suppression
- Instructor Training

In addition, some members enrolled in the academic courses which will lead to their AA degrees. The Coordinator arranged these courses on a platoon basis for fire-fighters. Courses in Chemistry and Humanities were completed by seventeen personnel.

SCHOOLS, WORKSHOPS, SEMINARS: District personnel attended the following educational activities conducted outside the department:

- Hydraulics Seminar
- Radiological Defense Officer's School
- Fire Alarm Maintenance School
- Highland Hospital Emergency Care School
- University of California Emergency Care School
- Training Officer's Workshop
- Arson Seminar

TRAINING GIVEN: In addition to training received, the District conducted training for other agencies. The Contra Costa County Sheriff's office and other police departments were given a 10-hour first-aid course. Concord Police Department sergeants were given Basic, Advanced, and Instructor Training in First Aid.

The District participated in the pilot program of Occupational Exploration for high school students in Alhambra High School. These students spent time in several divisions of the District learning fire department operation.

Fire Prevention Bureau



A Fire about to Happen!

Fire prevention work has the broad objective of informing the public about fire safety, and securing the cooperation of individuals and property owners in practices for their own safety and the safety of others. This requires the fire department to maintain a persistent program of public education and efficient field inspection system.

Realizing the importance of this concept, our department is developing improved methods and procedures for better utilization of field personnel. Paper work and office time are being reduced while more comprehensive records are being provided.

The Commercial Inspection Program which utilizes engine company personnel, is currently under revision. Field inspection workloads are being established, and an improved assignment system is being developed.

On January 1, 1969, a completely revised fire reporting system, utilizing data processing techniques, was put into effect. The new system provides more complete data regarding factors contributing to the origin and spread of fires. The information will be analyzed to accurately determine our fire problems and the programs, methods and controls needed in education, inspection and regulation. With maximum time being spent in direct public contact, and with improved operational, reporting and recording procedures, the objectives of fire prevention are being increasingly fulfilled through more effective educational and inspection endeavors.

TWELVE

A continual and concerted inspection program is being conducted of our commercial, manufacturing, institutional, group residential, and public assembly buildings, protecting them and private residences from fire:

Fire Prevention Bureau Inspections	1,803
Fire Company Inspections	1,548
Total Inspections - All Occupancies	3,336

OCCUPANCY INSPECTIONS

Day Care Nurseries	53	Manufacturing	114
B.H.A. & Children	162	Office Occupancies	255
Hospitals & Conv.	81	Repair & Body Shops	77
Public Assemblage	267	Service Stations	126
Schools	60	Bldgs. under Construction	302
Dry Cleaning	35	Bulk Storage Plants	2
Churches	24	Warehouses	41
Hotel & Apt. Houses	224	Wholesale & Retail	753

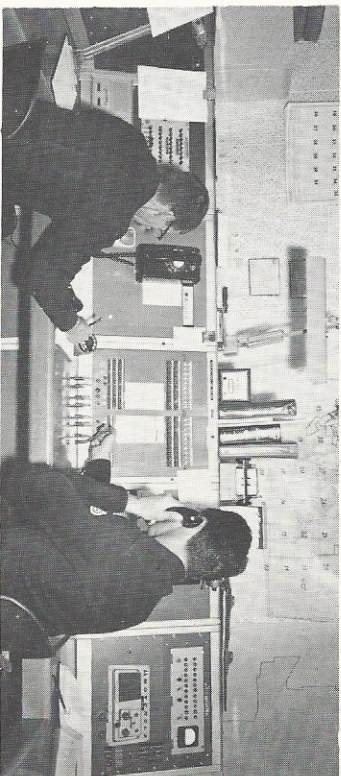
Total number of complaint investigations 225

The issuance of permits is most effective method of controlling a multiple of hazards.

Total number of special permits issued 153

WEED ABATEMENT PROGRAM

Number of Individual Properties Inspected	56,027
Number of Notices Mailed to Property Owners	10,050
Number of Properties Posted for Abatement	168
Number of Properties Abated by Owners	8,498
Number of Properties Abated by District	1,720



Communication Center

COMPANY INSPECTIONS

Fire Prevention Inspections & Pre-Fire Emergency Planning	
Total Inspections and Pre-Planning - All Stations	1548
Total Hours on Inspections - All Stations	1196

PLAN REVIEW

Building Plans are reviewed for compliance with Fire and Panic Safety regulations:

Total Plans Checked by Bureau	322
Total Plans-Check Man Hours	2821

FIRE INVESTIGATIONS

It is the responsibility of the Fire Prevention Bureau to investigate all fires of an undetermined or incendiary origin.

Total Incendiary Fires	66
Total Arson Fires	13
Total Other Fires	41
TOTAL	120
Total hours for investigations	631
Fire Deaths:	
Children	5
Adults	0
Total Juvenile Reports	233
Total Fire Investigations & Juvenile Reports	864

FIRE SAFETY EDUCATION & TRAINING PROGRAMS

TOTAL DEPARTMENTAL EFFORT

Service Clubs	Industry	Parents Clubs
Hospitals	Schools	Youth Organizations
	Convalescents	
Total Fire Safety Lectures & Training		103
Total Individuals Reached		7107
Total Man Hours		773

SCHOOL PROGRAMS

Total Number Programs	134
Total Number Man Hours	312
Total Number Students	8491

SUMMER SCHOOLS

Total Number Programs	11
Total Number Students	544
Total Number Man Hours	21

FIRE PREVENTION WEEK EVENTS

Radio Stations	Marquee Signs
Newspapers	Fire Safety Programs
Window Displays	School Handouts
Fire Prevention Placards	Service Clubs
Station "Open House"	Neighborhood Organizations

CONCLUSION

Again, we thank the citizens of our district for the fine cooperative way they have received our program.

Our department is very concerned over the annual serious fire losses of life and property. We believe man's control of fires will depend upon his ability to foretell the possible combinations causing the result. This is fire prevention, which is a vital part of protection against the effects of fire.

With the above in mind, the Consolidated Fire Department will continue its primary purpose which is safeguarding life and preventing interruptions of business due to fires.



Modern Fire Suppression

Other Activities

HOSE TESTING

1968 was a busy year for Consolidated Fire Stations. Many man hours were used testing and repairing the following amounts of hose:

- 35,200 feet of 2½" hose
- 11,800 feet of 1½" hose
- 6,900 feet of ¾" hose

Hose purchased in 1968 consisted of 1700 feet of forestry hose and 2700 feet of 1½" hose.

Capt. H. Stubblefield
Testing Office

FIRE ALARM MAINTENANCE

Continued growth of the District has created a need for proportionate expansion of fire alarm and communications capabilities. To meet the requirement of solid mobile coverage in the Martinez area, a remote transmitter was placed in service on Harbor View Drive. This is the second remote installation; the Kregor Peak transmitter has been operated since 1967.

Equipment for the transmission of the City of Martinez street box signals was installed, and emergency telephone facilities transferred to the Fire Alarm Center.

In addition to routine maintenance and testing, considerable effort was directed toward planning and ordering equipment for future needs.

The contract for the Radio Fire Alarm System was let in November and the first phase of this new system will be completed early in 1969.

Engineering of the Kregor Peak micro-wave circuit was completed and the equipment ordered. This will provide direct wireless control of the remote sites with improved quality and reliability. The design allows for future additional channels, which may be connected to the existing County system.

B. A. Kingham

BOY SCOUT CLASSES

During 1968 the personnel of the Consolidated Fire District assisted several local Boy Scout Troops to obtain their Merit Badges.

The classes in Firemanship were held by Instructors Al Delgado, Tom McCully, John Cox, Virgil Littlejohn, and Michael M. B. Irby. These Instructors completed successful classes for 64 Scouts.

Several First Aid Classes were presented to the Boy Scouts and a total of 51 boys earned their Merit Badges for successfully completing that course.

Captain R. F. Riegelsberger

1968 ENGINE PUMP TEST

All Consolidated pumping engines were tested in September and October of 1968. The new test site is located at the Contra Costa Canal on San Miguel Road, Concord. This proved to be a very satisfactory sight for placing of engines and directing heavy streams. There was a total of twenty fire engines tested and rated at 500 G.P.M. or more. One unit was in the shop at the time of the test.

Two engines didn't meet required pressures and volume and were dispatched to the shop for necessary repairs. The total pumping capacity of the Consolidated Fire District as of December 1968, including reserve apparatus and apparatus in for repairs, is 24,000 G.P.M.

All six power wagons were also given a draft test. The following is a list of rates pumpers tested in 1968.

UNIT NO.	CAPACITY	UNIT NO.	CAPACITY
126	1500 G.P.M.	109	1000 G.P.M.
125	1500 G.P.M.	104	1000 G.P.M.
124	1250 G.P.M.	114	750 G.P.M.
123	1250 G.P.M.	127	750 G.P.M.
121	1250 G.P.M.	128	750 G.P.M.
120	1000 G.P.M.	129	750 G.P.M.
131	1000 G.P.M.	132	750 G.P.M.
136	1000 G.P.M.	137	750 G.P.M.
111	1000 G.P.M.	103	500 G.P.M.
112	1000 G.P.M.	139	500 G.P.M.
113	1000 G.P.M.	110	500 G.P.M.
115	1000 G.P.M.		

Capt. Machado
Testing Officer



Rescue from Auto Wreck

REPRESENTATION AT MEETINGS

The Fire Prevention Bureau was represented at the following meetings.

- Flammable Liquids Committee
- Pacific Fire Rating Bureau
- Fire Protection for Flue & Vents in Restaurants
- Northern California Hospital Association Meeting
- Boarding Home for Aged Committee
- Bay Area Rapid Transit
- Codes Committee
- California Building Officials Conference
- Convalescent and Hospital Committee

ADDITIONAL EDUCATION

- | | |
|-----------------------------------|--------------------------|
| Chemistry, I | Diablo Valley College |
| Instructor Training, II | Diablo Valley College |
| Hazardous Materials, I | Diablo Valley College |
| Humanities, I | Diablo Valley College |
| Fire Prevention | Merritt College, Oakland |
| Codes & Ordinances | Chabot College, Oakland |
| Building Construction | Chabot College, Oakland |
| Conference Leading | Diablo Valley College |

ORGANIZATIONAL MEMBERSHIP

- California Fire Chief's Association
- National Fire Protection Association
- Contra Costa County Fire Inspectors Association
- California Conference of Arson Investigators
- Fire Marshal's Association of North America
- International Conference of Building Officials
- Bay Area Fire Forum
- C.F.C.A., Northern Division, Fire Prevention Section.

SEMINARS AND WORKSHOPS

- Arson Seminar, Davis Calif, 2 persons
- Arson Workshop, Concord, Sponsored by District
- Arson Workshop, Fresno
- Arson Workshop, Sacramento
- Management Seminar, Concord

SPECIAL ACTIVITIES

- Pacific Fire Rating Bureau
- Evaluating Hospital Fire Safety Films for State Fire Marshal
- Board of Appeals
- Special Inspection Survey
- Court Appearances
- State Fire Code Revisions
- Fire Incident Reporting System Revision
- Public Hearings, State Code
- State Fire Advisory Board
- Model Rocket Site Survey
- Public Hearings, State Code Revisions

COMMITTEES

- Public Education Committee
- Fire Damper Committee
- Fire and Life Safety Committee
- Building Code Committee
- N.F.P.A. Committee
- Title 19 Committee
- Fire Prevention Code Committee
- Bay Area Waterfront Fire Safety Committee
- State Fire Marshal's Fire Advisory Board



Fire Alarm Installation

Reserve Firemen Report

RESERVE FIREMEN PROGRAM

The Reserve Program expanded in 1968 to a total of 49 Reserve Firemen, providing a trained back-up strength for greater emergencies. The annexation of the Martinez Fire Department into the District on July 1st, added a third station having a reserve compliment. Over half of the former ten Martinez Volunteers have remained on the Reserve Role and additional Reserves have been recruited.

Turn-over in personnel due to the draft and changes in employment, make recruiting a continuous program. This program is handled by the Station Captains, who are the backbone of the program and are in charge of training and supervision of all Reserve activities at their assigned stations. Without the excellent cooperation of Relief personnel and the entire compliment of paid personnel at these stations, we could not maintain this trained Reserve back-up. These six Captains deserve special recognition for their dedication.

Following is a bread-down of Reserve activity by station:

Station No. 7 added 6 new men to the reserve roster in 1968, also participated in 2 house training fires.

Number of Drills	51
Number of Men per drill	6.35
Hours per drill	2
Total Man Hours drill	648
Total Fires	62
Average men per fire	4.25

In addition the reserves handled the information hand-out program.

Station No. 12

Number of drills	51
Number of men per drill	9.35
Hours per drill	2
Total of Man Hours drill	1256
Total fires	30
Average men per fire	4.43

On average men per fire figure, we have to take into consideration that at times we only called in one or two men for a specific job.

Station 12 had 3 men resign in 1968 and added 6 new men to the roster.

Station No. 14 added 12 new men to the reserve roster in 1968, also participated in one house training fire. Four reserves retired with a total

of 112 years combined time. In addition the reserves handled the international hand-out program.

Number of drills	18
Number of men per drill	13.4
Hours per drill	2
Total man hours drill	554
Total fires	26
Average men per fire	4.3

RESERVE MEMBERSHIP

NAME	AREA	YEARS OF SERVICE
R. Bond	Martinez	2
T. Borman	Martinez	2
A. Costanza	Maetinez	2
F. Gomez	Martinez	2
T. Kane	Martinez	2
J. Kelly	Martinez	2
S. Martin	Martinez	2
D. Menesini	Martinez	2
A. Nielson	Martinez	2
D. Pellegrini	Martinez	2
D. Bronzi	Mt. View	2
R. Estrada	Mt. View	2
B. Porter	Mt. View	2
M. Tully	Mt. View	2
L. VanWestrop	Mt. View	2
J. Wernes	Mt. View	2
J. Siino	West Pittsburg	2
A. Siino	West Pittsburg	2
G. Whittington	West Pittsburg	2
K. Garrett	West Pittsburg	2
T. Foster	West Pittsburg	2
J. Ferrante	West Pittsburg	2
E. Sacchi	Martinez	29
S. Brady	West Pittsburg	27
J. Viera	Martinez	26
J. Mackie	Mt. View	25
H. Wildes	West Pittsburg	23
J. Spina	Mt. View	22
R. Wilkerson	Martinez	20
J. Bucknam	Martinez	18
G. Borba	Mt. View	14

G. Wildes	West Pittsburg	9
L. Bartolomei	Mt. View	8
H. Siino	West Pittsburg	8
W. Patterson	Martinez	6
J. Hardin	Mt. View	6
F. Higby	Mt. View	6
B. Fraley	Mt. View	3
R. Hartz	Mt. View	3
R. Kraintz	Mt. View	3
W. Siino	West Pittsburg	3
T. Nevers	West Pittsburg	1
J. Kunstal	West Pittsburg	1
M. Clark	West Pittsburg	1
G. Howes	Mt. View	1
B. Huddleson	Martinez	1
C. Wood	Martinez	1
R. Price (1)	West Pittsburg	1
S. Consentino (1)	West Pittsburg	1

(1) on military leave

	West Pittsburg	Mt. View	Martinez
Number of Drills	51	51	18
Hours Per Drill	2	2	2
Attendance Per Drill	6.35	9.35	13.4
Total Manhours All Drills	648	1,256	554
Total Fires, Reserves called	62	30	26
Average Reserve Response, Per Fire	4.25	4.43	4.30

