

Grafton Police Department

Daily Logs

October 10 – October 16, 2021

For Date: 10/10/2021 - Sunday

<u>Time</u>	<u>Call Reason</u>	<u>Action</u>
0006	ALARM - BURGLAR	INVESTIGATED
Location/Address:	[GR 3254] WORCESTER ST	
Unit:	G8	
Unit:	G10	
0022	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	[GR 2042] WORCESTER ST	
Unit:	G10	
Unit:	G8	
0036	ASSIST OTHER AGENCY	INFO RECORDED
Location/Address:	[SH] HARTFORD TPKE	
0856	ACCIDENT - PERSONAL INJURY	NO SERVICE REQUIRED
Location/Address:	MASS PIKE E	
EMS Unit:	GRALS-GRAFTON ALS	
Fire Unit:	CR1-Command-CAR 1 FIRE CHIEF	
0939	AMBULANCE - MEDICAL	REMOVED TO HOSPITAL
Location/Address:	[GR 2217] UPTON ST	
EMS Unit:	GRALS-GRAFTON ALS	
EMS Unit:	MIALS-MILLBURY ALS	
Unit:	G5	
Unit:	G3	
1030	TRAFFIC CONTROL	SERVICES RENDERED
Location/Address:	PROVIDENCE RD + WORCESTER ST	
1127	FIRE - MOTOR VEHICLE	SERVICES RENDERED
Location/Address:	MASS PIKE W	
EMS Unit:	MS33-MEDSTAR 33	
Fire Unit:	EN1-Pumper-ENGINE 1	
1424	ASSIST OTHER AGENCY	REFERRED TO OTHER AGENCY
Location/Address:	[HOP] DUTCHER ST	
1804	DISABLED AUTO	NO SERVICE REQUIRED
Location/Address:	WORCESTER ST	
Unit:	G8	
1915	ERRATIC OPERATOR	INVESTIGATED
Vicinity of:	MILLBURY ST	
Unit:	G8	
Unit:	G9	
1958	SUSPICIOUS AUTO	AREA SEARCH NEGATIVE
Vicinity of:	WESTBORO RD + N MAIN ST	
Unit:	G9	
2000	DISTURBANCE - NEIGHBOR	INVESTIGATED
Location/Address:	CREEPER HILL RD	
Unit:	G9	
Unit:	G8	

2111	DISTURBANCE - NEIGHBOR	INVESTIGATED
Location/Address:	BUTTERCUP LN	
Unit:	G9	
Unit:	G8	
2214	SUSPICIOUS ACTIVITY	AREA SEARCH NEGATIVE
Location/Address:	FAIRLAWN ST	
Unit:	G9	
2349	ACCIDENT - NO INJURIES	REFERRED TO OTHER AGENCY
Location/Address:	[WO] PLANTATION ST	

For Date: 10/11/2021 - Monday

0149	ACCIDENT - NO INJURIES	REFERRED TO OTHER AGENCY
Location/Address:	[NO] POLLARD ST	
0934	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	MILLBURY ST	
Unit:	G5	
0944	LOST OR FOUND ARTICLE	SERVICES RENDERED
Location/Address:	MAIN ST	
0947	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	MILLBURY ST	
Unit:	G5	
0955	PUBLIC SERVICE OTHER	SERVICES RENDERED
Location/Address:	[GR 2217] UPTON ST	
1050	AMBULANCE - MEDICAL	PATIENT REFUSAL
Location/Address:	LONDONDERRY RD	
EMS Unit:	MIALS-MILLBURY ALS	
Unit:	G10	
Unit:	G5	
1147	WELL BEING CHECK	REMOVED TO HOSPITAL
Location/Address:	PLEASANT ST	
Unit:	G3	
EMS Unit:	GRALS-GRAFTON ALS	
1233	FOLLOW UP	SERVICES RENDERED
Location/Address:	MCHALE DR	
Unit:	G3	
1327	RUNAWAY	AREA SEARCH NEGATIVE
Location/Address:	INSTITUTE RD	
Unit:	G3	
Unit:	G10	
1534	HARASSMENT	INFO RECORDED
Location:	[SH 6] SENTRY WEST MAZDA - SHREWSUBRY	
1603	ALARM - BURGLAR	INVESTIGATED
Location/Address:	BLACKSTONE LN	
Unit:	G8	
1801	ALARM - BURGLAR	INVESTIGATED
Location/Address:	PROVIDENCE RD	
Unit:	G10	
1817	ALARM UNKNOWN	SERVICES RENDERED
Location/Address:	MAXWELL DR	

Unit: G5

1819 FOLLOW UP SERVICES RENDERED
 Location/Address: [GR 57] INSTITUTE RD
 Unit: G10

1911 LOST OR FOUND ARTICLE INVESTIGATED
 Location/Address: INDIAN PATH
 Unit: G8
 Unit: G10

1925 SUSPICIOUS AUTO INVESTIGATED
 Location/Address: FALMOUTH DR + HINGHAM RD
 Unit: G5

2018 LOST OR FOUND ARTICLE INVESTIGATED
 Location/Address: PROVIDENCE RD
 Unit: G5

2241 DISTURBANCE - NEIGHBOR UNFOUNDED
 Location/Address: FAULKNER RD
 Unit: G9
 Unit: G13

2352 PATROL OBSERVATION SERVICES RENDERED
 Location/Address: [GR 50] OLD FERRY ST
 Unit: G5
 Unit: G9
 Unit: G11

For Date: 10/12/2021 - Tuesday

0114 AMBULANCE - MEDICAL - EMD REMOVED TO HOSPITAL
 Location/Address: [GR 613] HIGH POINT DR
 EMS Unit: GRALS-GRAFTON ALS
 Unit: G9
 Unit: G11

0732 ACCIDENT - NO INJURIES PATIENT REFUSAL
 Location/Address: PROVIDENCE RD + WORCESTER ST
 Unit: G13
 Unit: G5
 EMS Unit: GRALS-GRAFTON ALS

0740 TRAFFIC CONTROL SERVICES RENDERED
 Location/Address: [GR 5420] NORTH ST
 Unit: G8

0810 FOLLOW UP SERVICES RENDERED
 Location/Address: [GR 5425] PROVIDENCE RD
 Unit: G8

0810 MONITORING SCHOOL SERVICES RENDERED
 Location/Address: [GR 5425] PROVIDENCE RD
 Unit: G8

0935 WIRES DOWN REFERRED TO OTHER AGENCY
 Location/Address: PINE HILL RD
 Unit: G5

1050 FIRE - GAS ODOR INVESTIGATED
 Location/Address: WORCESTER ST + SNOW RD
 Unit: G13
 Fire Unit: EN2-Pumper-ENGINE 2

Fire Unit:	EN1-Pumper-ENGINE 1	
1116	WIRES DOWN	REFERRED TO OTHER AGENCY
Location/Address:	GRAFTON COM	
Unit:	G5	
1122	ACCIDENT - PERSONAL INJURY	INVESTIGATED
Location/Address:	PROVIDENCE RD	
Unit:	G13	
Unit:	G5	
Unit:	G10	
EMS Unit:	GRALS-GRAFTON ALS	
1213	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 250] PROVIDENCE RD	
Unit:	G8	
1302	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 5425] PROVIDENCE RD	
Unit:	G8	
1304	ACCIDENT - NO INJURIES	REFERRED TO OTHER AGENCY
Location:	[MI] TOWN OF MILLBURY MALL	
1417	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 0757] MILLBURY ST	
Unit:	G8	
1538	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	WORCESTER ST + AIRPORT RD	
Unit:	G5	
1550	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	NIPMUC RD	
Unit:	G9	
1612	DISABLED AUTO	SERVICES RENDERED
Location/Address:	OLD WESTBORO RD	
Unit:	G5	
1648	LOST OR FOUND ARTICLE	INFO RECORDED
Location/Address:	TRINITY AVE	
1653	DISABLED AUTO	SERVICES RENDERED
Location/Address:	WORCESTER ST	
Unit:	G8	
1756	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	WORCESTER ST	
Unit:	G9	
1943	NOTIFICATION	INVESTIGATED
Location/Address:	NORTH ST	
Unit:	G3	
2101	ALARM - FIRE - RESIDENTIAL	ACCIDENTAL/DEFECT ALARM
Location/Address:	[GR 227] FAY MOUNTAIN RD	
2206	FIRE - ILLEGAL BURNING	INVESTIGATED
Location/Address:	LELAND ST	
Unit:	G8	

For Date: 10/13/2021 - Wednesday

0320	ASSIST OTHER AGENCY	SERVICES RENDERED
Location/Address:	[GR 100] WORCESTER ST	
Unit:	G8	
0554	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	PROVIDENCE RD + MAIN ST	
Unit:	G5	
0557	RADAR ASSIGNMENT	SERVICES RENDERED
Location/Address:	NORTH ST	
Unit:	G3	
0621	MOTOR VEHICLE STOP	VERBAL WARNING
Location/Address:	[GR 0757] MILLBURY ST	
Unit:	G8	
0635	AMBULANCE - MEDICAL	REMOVED TO HOSPITAL
Location/Address:	MILLBURY ST	
EMS Unit:	GRALS-GRAFTON ALS	
Unit:	G5	
0734	TRAFFIC CONTROL	SERVICES RENDERED
Location/Address:	[GR 5420] NORTH ST	
Unit:	G8	
0808	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 250] PROVIDENCE RD	
Unit:	G8	
0822	AMBULANCE - MEDICAL	REMOVED TO HOSPITAL
Location/Address:	FOREST LN	
Unit:	G10	
EMS Unit:	GRALS-GRAFTON ALS	
Unit:	G10	
0922	CITIZEN COMPLAINT	INFO RECORDED
Location/Address:	[GR 5343] PROVIDENCE RD	
0947	THREATENING	REFERRED TO OTHER AGENCY
Location/Address:	[GR 25] WORCESTER ST	
1058	SUSPICIOUS ACTIVITY	SERVICES RENDERED
Location/Address:	BLANCHARD RD	
Unit:	G13	
1216	ACCIDENT - PERSONAL INJURY	INVESTIGATED
Location/Address:	MASS PIKE W	
Fire Unit:	R1-Heavy Rescue-RESCUE 1	
Fire Unit:	EN1-Pumper-ENGINE 1	
EMS Unit:	GRALS-GRAFTON ALS	
Fire Unit:	CR1-Command-CAR 1 FIRE CHIEF	
1237	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 250] PROVIDENCE RD	
Unit:	G8	
1319	FOLLOW UP	SERVICES RENDERED
Location/Address:	HIGH ST	
Unit:	G8	
1343	ANIMAL COMPLAINT	AREA SEARCH NEGATIVE
Location/Address:	[GR 5420] NORTH ST	
Unit:	G10	

1345	TRAFFIC CONTROL	SERVICES RENDERED
Location/Address:	[GR 5425] PROVIDENCE RD	
Unit:	G8	
1412	AMBULANCE - MEDICAL	REFERRED TO OTHER AGENCY
Location/Address:	MILLBURY ST	
1442	SCAM/ATTEMPTED SCAM	INFO RECORDED
Location/Address:	FOLLETTE ST	
1527	FOLLOW UP	SERVICES RENDERED
Location/Address:	[GR 5343] PROVIDENCE RD	
1609	ERRATIC OPERATOR	AREA SEARCH NEGATIVE
Location/Address:	BLANCHARD RD	
Unit:	G5	
1615	SCAM/ATTEMPTED SCAM	INFO RECORDED
Location/Address:	CROSBY RD	
1645	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	PROVIDENCE RD	
Unit:	G5	
1652	ALARM - BURGLAR	ACCIDENTAL/DEFECT ALARM
Location/Address:	[GR 1150] CENTENNIAL DR	
1907	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	MILLBURY ST	
Unit:	G5	
2012	ASSIST PUBLIC	SERVICES RENDERED
Location/Address:	[GR 5343] PROVIDENCE RD	
Unit:	G3	
2017	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	CORTLAND WAY + CROSBY RD	
Unit:	G5	
2122	DISTURBANCE - NEIGHBOR	REMOVED TO HOSPITAL
Location/Address:	MAIN ST	
Unit:	G8	
Unit:	G5	
EMS Unit:	GRALS-GRAFTON ALS	
Fire Unit:	CR1-Command-CAR 1 FIRE CHIEF	
Unit:	G3	

For Date: 10/14/2021 - Thursday

0439	ACCIDENT - PERSONAL INJURY	SERVICES RENDERED
Location/Address:	MASS PIKE E	
EMS Unit:	GRALS-GRAFTON ALS	
Fire Unit:	CR1-Command-CAR 1 FIRE CHIEF	
Fire Unit:	EN1-Pumper-ENGINE 1	
Fire Unit:	EN1-Pumper-ENGINE 1	
0610	RADAR ASSIGNMENT	CITATION ISSUED
Location/Address:	MILLBURY ST	
Unit:	G3	
0616	AMBULANCE - MEDICAL - EMD	REMOVED TO HOSPITAL
Location/Address:	LORDVALE BLVD	
EMS Unit:	GRALS-GRAFTON ALS	
Unit:	G8	

0709	MONITORING SCHOOL BUS STOP	SERVICES RENDERED
Location/Address:	UPTON ST	
Unit:	G8	
0737	MONITORING TRAFFIC	SERVICES RENDERED
Location/Address:	[GR 5420] NORTH ST	
Unit:	G8	
0806	CIVIL DISPUTE	SERVICES RENDERED
Location/Address:	WORCESTER ST	
Unit:	G13	
0857	FOLLOW UP	INVESTIGATED
Location/Address:	HIGH ST	
Unit:	G8	
1004	AMBULANCE - MEDICAL - EMD	REMOVED TO HOSPITAL
Location/Address:	MAIN ST	
Unit:	G3	
EMS Unit:	GRALS-GRAFTON ALS	
1135	MONITORING SCHOOL	SERVICES RENDERED
Location/Address:	[GR 5425] PROVIDENCE RD	
Unit:	G8	
1148	NOTIFICATION	SERVICES RENDERED
Location/Address:	[GR 0624] MORGAN DR	
Unit:	G13	
Unit:	G3	
1243	ALARM - FIRE - RESIDENTIAL	INVESTIGATED
Location/Address:	NORTH ST	
Unit:	G13	
Fire Unit:	EN1-Pumper-ENGINE 1	
Fire Unit:	CR1-Command-CAR 1 FIRE CHIEF	
1328	NOTIFICATION	INFO RECORDED
Location/Address:	WORCESTER ST + SNOW RD	
1349	MONITORING TRAFFIC	SERVICES RENDERED
Location/Address:	[GR 5425] PROVIDENCE RD	
Unit:	G8	
1432	TRAFFIC HAZARD	SERVICES RENDERED
Location/Address:	CHESTNUT ST	
Unit:	G13	
1525	MONITORING TRAFFIC	VERBAL WARNING
Location/Address:	[GR 5484] MAIN ST	
Unit:	G9	
1539	MONITORING TRAFFIC	CITATION ISSUED
Location/Address:	N MAIN ST	
Unit:	G13	
1544	MISSING/LOST PERSON	INVESTIGATED
Location/Address:	[GR 9684] MAIN ST	
Unit:	G5	
1555	MOTOR VEHICLE STOP	VERBAL WARNING
Location/Address:	MILFORD RD	
Unit:	G3	
1627	MOTOR VEHICLE STOP	VERBAL WARNING
Location/Address:	MILFORD RD	

Unit: G9

1632 MOTOR VEHICLE STOP CITATION ISSUED
Location/Address: UPTON ST
Unit: G3

1656 SERVE PAPERS SERVED / LAST & USUAL
Location/Address: DENDEE DR
Unit: G9

1722 MOTOR VEHICLE LOCKOUT SERVICES RENDERED
Location/Address: [GR 50] OLD FERRY ST
Unit: G9

1731 AMBULANCE - MEDICAL PATIENT REFUSAL
Location/Address: FOREST LN
EMS Unit: GRALS-GRAFTON ALS
Unit: G13

2023 DISTURBANCE - LOUD NOISE INVESTIGATED
Location/Address: CHURCH ST
Unit: G13

For Date: 10/15/2021 - Friday

0151 PATROL OBSERVATION SERVICES RENDERED
Location/Address: [GR 5821] WORCESTER ST
Unit: G8

0203 ALARM - FIRE - RESIDENTIAL SERVICES RENDERED
Location/Address: [GR 1666] ORCHARD ST
Fire Unit: EN3-Pumper-ENGINE 3

0701 ROAD RAGE INFO RECORDED
Location/Address: HIGH POINT DR

0720 MONITORING TRAFFIC SERVICES RENDERED
Location/Address: [GR 5421] PROVIDENCE RD
Unit: G8

0824 B & E INTO VEHICLE INVESTIGATED
Location/Address: CREEPER HILL RD
Unit: G5

0852 FOLLOW UP SERVICES RENDERED
Location/Address: [GR 250] PROVIDENCE RD
Unit: G8

0903 ACCIDENT - PERSONAL INJURY INVESTIGATED
Location/Address: MASS PIKE E
EMS Unit: GRALS-GRAFTON ALS
Fire Unit: R1-Heavy Rescue-RESCUE 1
Fire Unit: EN2-Pumper-ENGINE 2
Fire Unit: CR1-Command-CAR 1 FIRE CHIEF

1001 MOTOR VEHICLE - STOLEN INVESTIGATED
Location/Address: CREEPER HILL RD

1015 ERRATIC OPERATOR INFO RECORDED
Location/Address: WORCESTER ST

1052 TRAFFIC HAZARD SERVICES RENDERED
Location/Address: WORCESTER ST + WHEELER RD
Unit: G13

1223	MOTOR VEHICLE STOP	VERBAL WARNING
Location/Address:	PROVIDENCE RD + BRIGHAM HILL RD	
Unit:	G3	
1245	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	MERRIAM RD + NORTH ST	
Unit:	G13	
1255	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	WORCESTER ST + AIRPORT RD	
Unit:	G3	
1344	FOLLOW UP	SERVICES RENDERED
Location/Address:	[GR 9684] MAIN ST	
1350	MONITORING TRAFFIC	SERVICES RENDERED
Location/Address:	[GR 5425] PROVIDENCE RD	
Unit:	G8	
1415	DISPERSE YOUTHS	SERVICES RENDERED
Location/Address:	[GR 8907] WORCESTER ST	
Unit:	G3	
1422	THREATENING	INVESTIGATED
Location/Address:	MAIN ST	
Unit:	G13	
1433	AMBULANCE - MEDICAL	PATIENT REFUSAL
Location/Address:	WESSON ST	
EMS Unit:	GRALS-GRAFTON ALS	
Unit:	G3	
1521	MONITORING TRAFFIC	NO SERVICE REQUIRED
Location/Address:	GRAFTON COM	
Unit:	G3	
1533	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	WORCESTER ST	
Unit:	G9	
1534	DISTURBANCE - GENERAL	INVESTIGATED
Location/Address:	SAMPSON ST	
Unit:	G13	
1555	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	NORTH ST	
Unit:	G9	
1628	WELL BEING CHECK	INVESTIGATED
Location/Address:	[GR 1800] BEVERLY RD	
Unit:	G9	
1654	MOTOR VEHICLE STOP	CITATION ISSUED
Location/Address:	WORCESTER ST	
Unit:	G9	
1725	ALARM - BURGLAR	INVESTIGATED
Location/Address:	[GR 6884] BROWNS RD	
Unit:	G9	
1924	PARKING VIOLATION	INVESTIGATED
Vicinity of:	[GR 3101] N MAIN ST	
Unit:	G13	

<p>1936 Location/Address: Unit:</p>	<p>ACCIDENT - NO INJURIES ADAMS RD G13</p>	<p>CITATION ISSUED</p>
<p>2149 Location/Address: Unit:</p>	<p>SUSPICIOUS ACTIVITY BAY FARM LN G9</p>	<p>INVESTIGATED</p>
<p>2157 Location/Address: Unit: Unit: Refer To Arrest: Arrest: Address: Age: Charges:</p>	<p>ERRATIC OPERATOR WORCESTER ST G3 G13 <u>21-159-AR</u> MARTINELLI, JACQUELINE B 41 CHERRY LN S GRAFTON, MA 57 OUI-LIQUOR OR .08% NEGLIGENT OPERATION OF MOTOR VEHICLE MARKED LANES STOP FOR POLICE, FAIL REGISTRATION NOT IN POSSESSION LICENSE NOT IN POSSESSION</p>	<p>PATIENT REFUSAL</p>
<p>2352 Location/Address: Unit:</p>	<p>SUSPICIOUS AUTO [GR 8000] WORCESTER ST G10</p>	<p>INFO RECORDED</p>

For Date: 10/16/2021 - Saturday

<p>0030 Location/Address: Unit: Unit:</p>	<p>SUSPICIOUS AUTO [GR 4649] GRAFTON COM G10 G9</p>	<p>INFO RECORDED</p>
<p>0115 Location/Address: Unit: Unit:</p>	<p>DISTURBANCE - GENERAL MAXWELL DR G10 G9</p>	<p>INVESTIGATED</p>
<p>0128 Location/Address: Unit: Unit:</p>	<p>ASSIST PUBLIC HIGH POINT DR G10 G9</p>	<p>INFO RECORDED</p>
<p>0403 Location/Address: Unit: Unit:</p>	<p>DISTURBANCE - GENERAL KAYE CIR G10 G9</p>	<p>INVESTIGATED</p>
<p>0523 Location/Address: Unit:</p>	<p>MOTOR VEHICLE STOP WORCESTER ST G9</p>	<p>VERBAL WARNING</p>
<p>0923 Location/Address: EMS Unit: Unit: Unit:</p>	<p>AMBULANCE - MEDICAL HIGH POINT DR GRALS-GRAFTON ALS G9 G3</p>	<p>REMOVED TO HOSPITAL</p>
<p>0950 Location/Address: Unit:</p>	<p>ROAD HAZZARD APPLE RIDGE LN G3</p>	<p>SERVICES RENDERED</p>

1001	TRAFFIC HAZARD	SERVICES RENDERED
Location/Address:	GRAFTON COM	
Unit:	G10	
1018	MOTOR VEHICLE STOP	CITATION ISSUED
Vicinity of:	PROVIDENCE RD	
Unit:	G9	
1047	OPEN DOOR / WINDOW	SERVICES RENDERED
Location/Address:	[GR 5420] NORTH ST	
Unit:	G9	
1134	LARCENY / THEFT	INVESTIGATED
Location/Address:	PROVIDENCE RD	
Unit:	G3	
1327	ACCIDENT - NON INVESTIGATED	SERVICES RENDERED
Location/Address:	PROVIDENCE RD	
Unit:	G10	
1332	DISABLED AUTO	SERVICES RENDERED
Location/Address:	PROVIDENCE RD + BRUCE ST	
1337	ASSIST OTHER AGENCY	SERVICES RENDERED
Location/Address:	WATERVILLE ST	
1347	ACCIDENT - PERSONAL INJURY	INVESTIGATED
Location/Address:	WORCESTER ST	
Unit:	G3	
Unit:	G10	
EMS Unit:	MIALS-MILLBURY ALS	
1808	MOTOR VEHICLE VIOLATIONS	INFO RECORDED
Vicinity of:	BROOKMEADOW LN + PROVIDENCE RD	
2042	ANIMAL COMPLAINT	AREA SEARCH NEGATIVE
Vicinity of:	BRIDGE ST + N MAIN ST	
Unit:	G8	
2156	SUSPICIOUS PERSON	INVESTIGATED
Location/Address:	[GR 483] WESTBORO RD	
Unit:	G10	
Unit:	G8	