

OCHA Humanitarian Icons for ArcGIS and QGIS

Version 2.0 (04/03/2016)

Note: Version 2.0 of the OCHA Humanitarian icons for ArcGIS and QGIS are incompatible with previous releases. Fonts and style files from previous releases should be uninstalled before the current version is installed, by following the steps in this document.

Following installation of version 2.0 of the icons, any ArcMap Document (.mxd) or QGIS Project (.qgs) files that reference a previous version of the icons will need to be amended.

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1. Version history

Version	Date	Comment
1.0	10/11/2013	Initial release
2.0	04/03/2016	Fonts and style files rebuilt to resolve issue with icons not displaying in Windows 8 and Windows 10.

2. Supported environments

The fonts and style files have been tested in the following operating systems and GIS applications. They may function correctly in earlier versions and subsequent versions, but this has not been tested.

True Type Fonts	Windows Vista Windows 7 Windows 8 Windows 10
ArcGIS Style File	ArcGIS for Desktop 10.1 ArcGIS for Desktop 10.2 ArcGIS for Desktop 10.3
QGIS Style File	QGIS 2.2 QGIS 2.4 QGIS 2.6 QGIS 2.8 QGIS 2.10 QGIS 2.12 QGIS 2.14

3. Issues resolved in this release

The following issues have been resolved in this release:

- Font symbols not displaying correctly when used in Windows 8 or Windows 10
- Symbols not displaying correctly in PDF maps created in ArcGIS and then viewed in the built-in PDF viewer within Firefox

4. Known issues

The following issues are known to exist with the use of the OCHA Humanitarian Icon font and style files:

Issue	Software affected	Comment
Symbol for blanket does not appear in the Style Manager window in QGIS	QGIS 2.2, 2.4, 2.6, 2.8, 2.10, 2.12, 2.14	This issue has been logged as a bug in QGIS (Issue #11282)
When maps containing the icons are exported to PDF from ArcGIS, the symbols do not display correctly in PDF files on computers that do not have the OCHA Icon fonts installed	ArcGIS 10.1, 10.2, 10.3	This can be resolved by ensuring the 'Embed All Document Fonts' option is selected when exporting to PDF
The bounded icons with a white background do not display correctly in ArcGIS (a white 'Æ' character is visible behind the OCHA Icon)	ArcGIS 10.1, 10.2, 10.3	This can be resolved by ensuring the 'ESRI Default Marker' font is installed. This dependency on the ESRI Default Marker font has been raised with ESRI

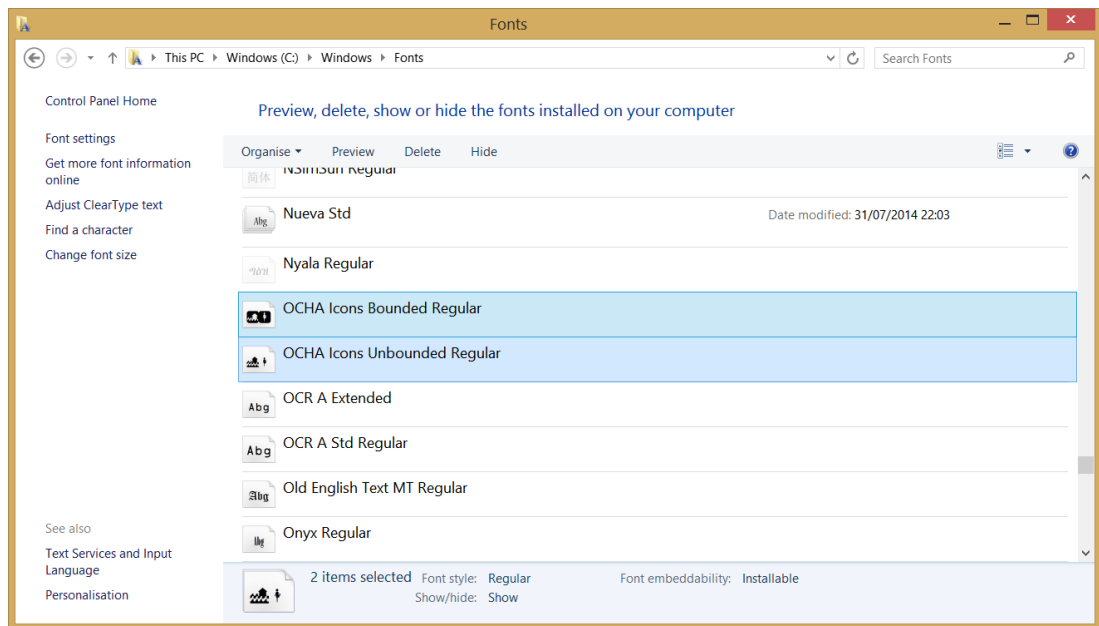
5. Contact

If you have any comments, suggestions or problems using the icons in ArcGIS and QGIS, please contact MapAction at info@mapaction.org

6. Installing the OCHA Humanitarian Icons fonts

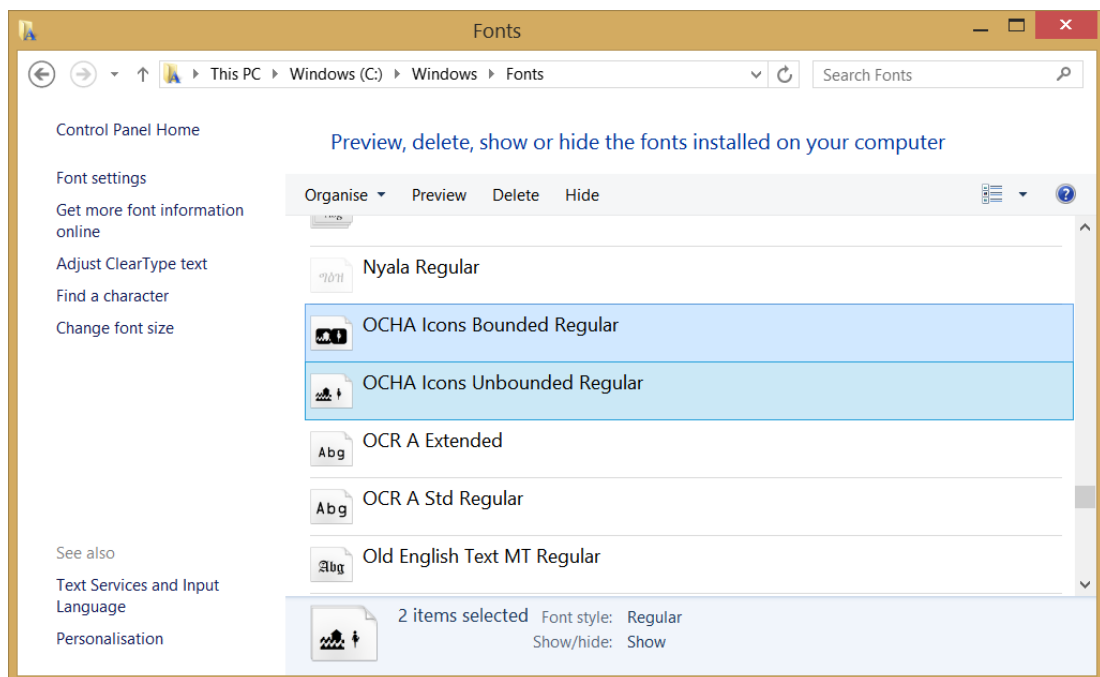
- a) Remove previous version of OCHA icons fonts (if fonts are not installed already skip to step b):

Go to *C:\Windows\Fonts* and delete the 'OCHA Icons Bounded' and 'OCHA Icons Unbounded' fonts



b) Install the current version of the OCHA icons fonts:

Copy the files 'OCHA-Icons-Bounded.ttf' and 'OCHA-Icons-Unbounded.ttf' to the Windows Font folder (C:\Windows\Fonts)



7. Installing the OCHA Humanitarian Icons style files in ArcGIS

- a) Ensure the latest version of the fonts are installed as described in step 6.
- b) Remove previous version of OCHA Style File in ArcGIS for Desktop by navigating to (if these are not installed already, skip to step c):

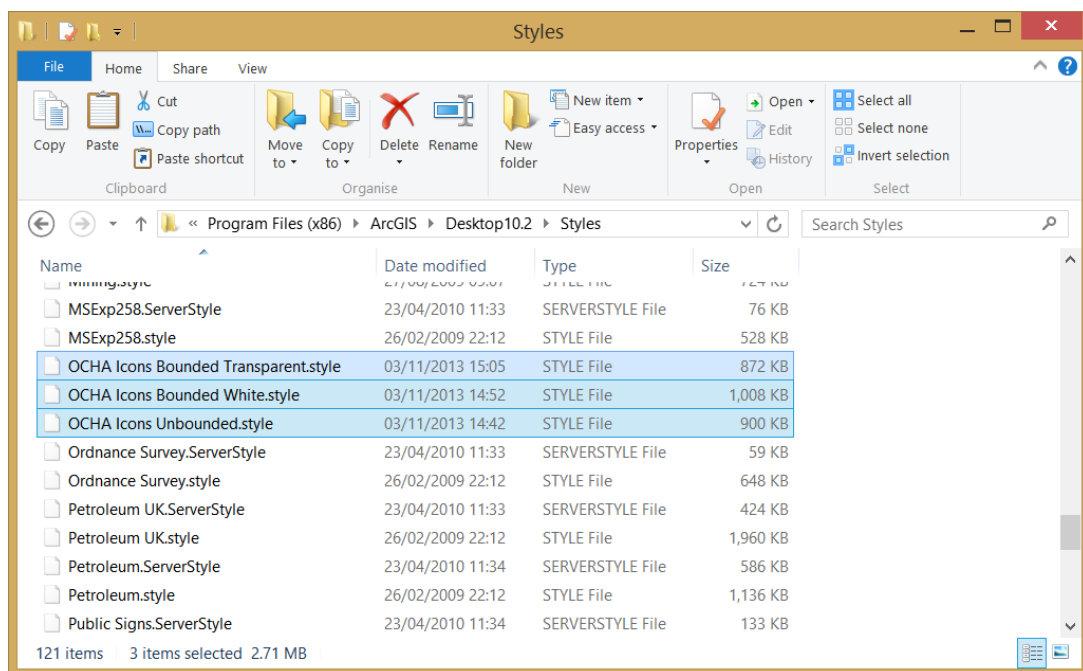
C:\Program Files\ArcGIS\Desktop10.x\Styles (on 32-bit operating system)

or

C:\Program Files (x86)\ArcGIS\Desktop10.x\Styles (on 64-bit operating system)

and delete the following style files:

- OCHA Icons Unbounded.style
- OCHA Icons Bounded Transparent.style
- OCHA Icons Bounded White.style



- c) Install the current version of the style files:

- i. Navigate to:

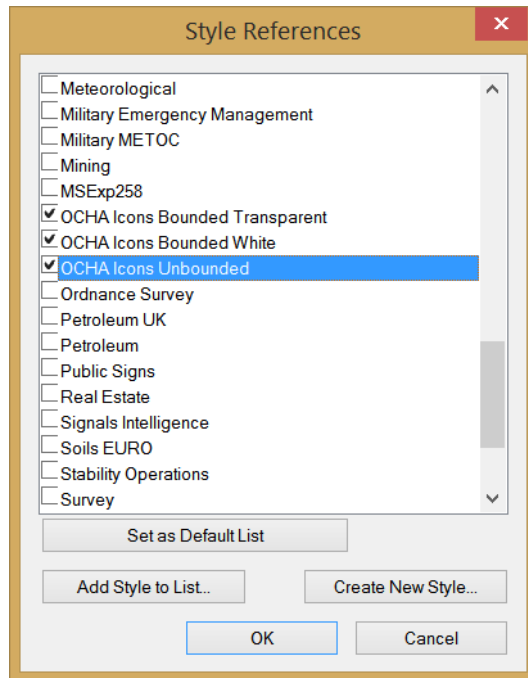
C:\Program Files\ArcGIS\Desktop10.x\Styles (on 32-bit operating system)

or

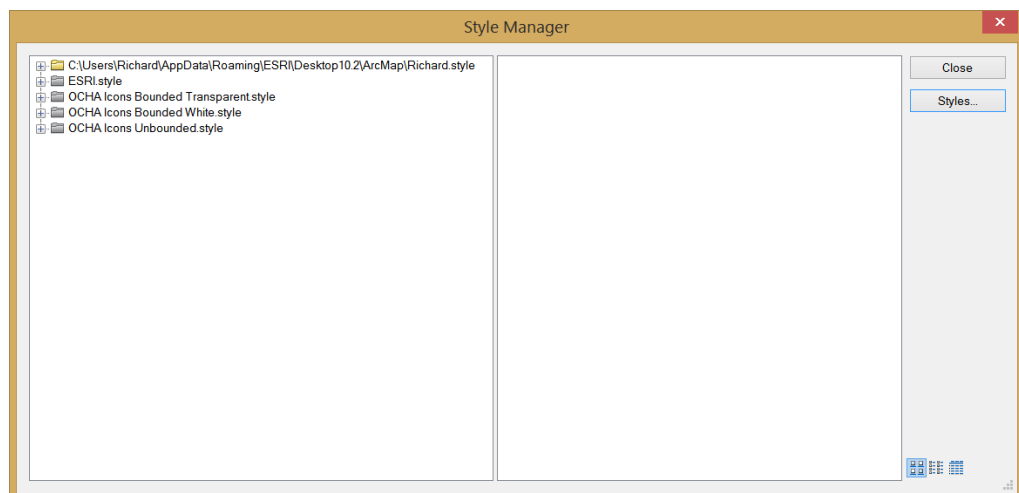
C:\Program Files (x86)\ArcGIS\Desktop10.x\Styles (on 64-bit operating system)

and copy the following files:

- OCHA Icons Unbounded.style
 - OCHA Icons Bounded Transparent.style
 - OCHA Icons Bounded White.style
- ii. Open ArcMap
 - iii. Go to Customize → Style Manager
 - iv. Click on Styles
 - v. Select the three OCHA Icons entries, then 'Set as Default List' and click Ok

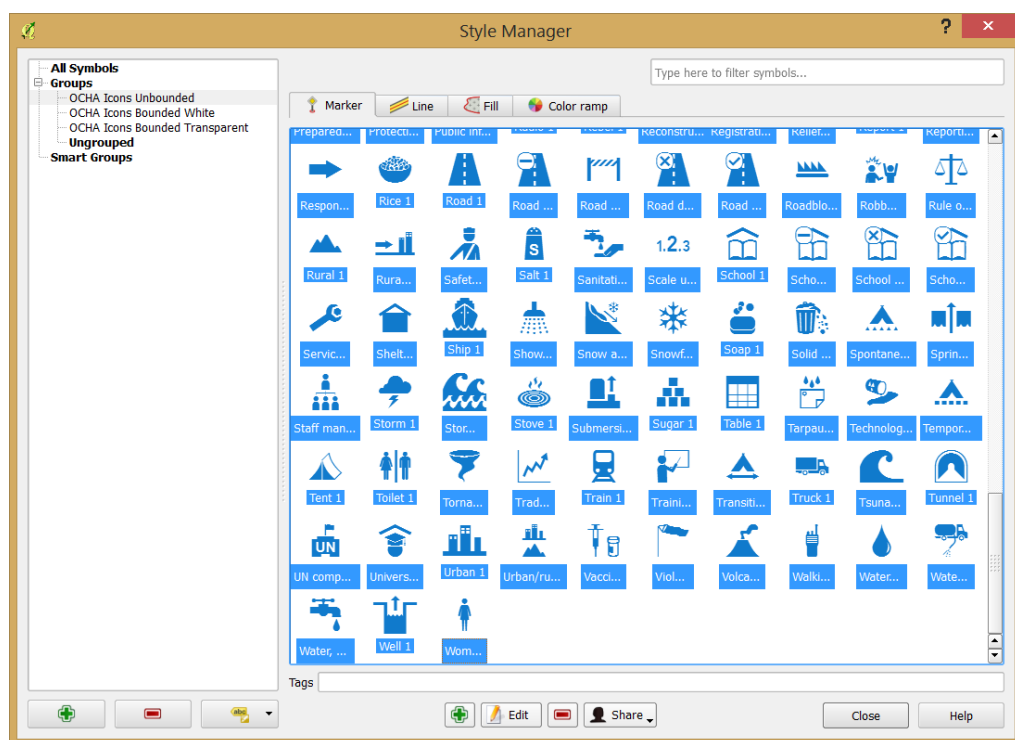


- vi. The OCHA icons style file should now appear in the Style Manager

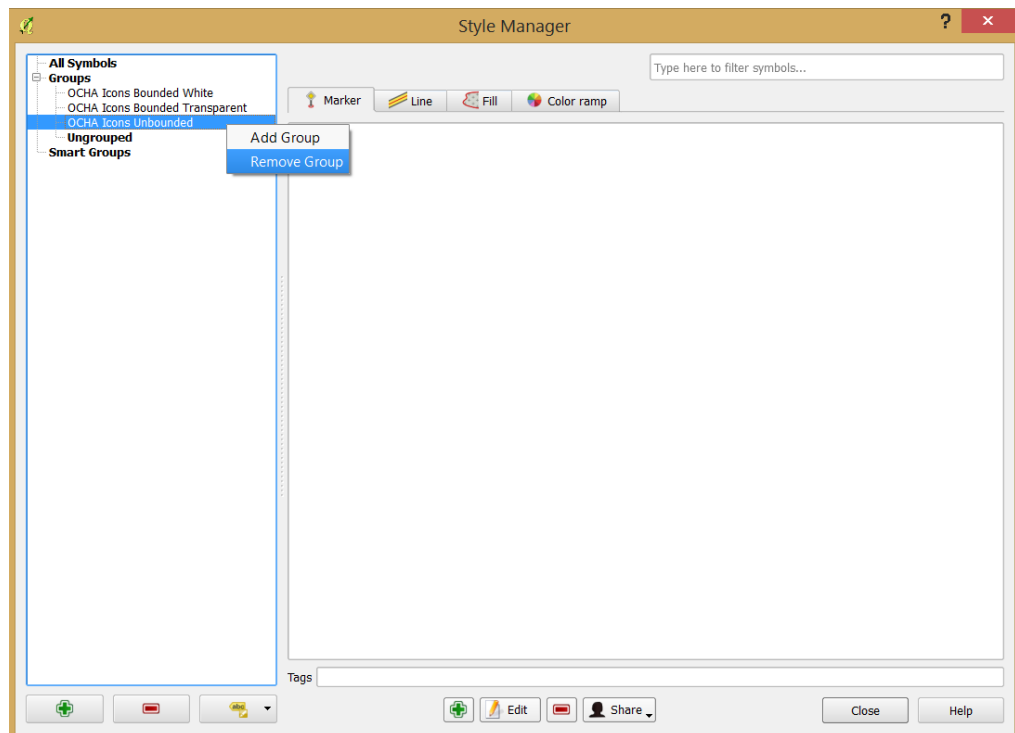


8. Installing OCHA Humanitarian Icons style files for QGIS

- a) Ensure the latest version of the fonts are installed as described in step 6.
- b) Remove previous version of OCHA Humanitarian Icons styles (if these are not installed already, skip to step c):
 - i. Open QGIS
 - ii. Go to Settings → Style Manager and select the 'OCHA Icons Unbounded' group on the left-hand side
 - iii. Select the first icon, scroll down to the bottom of the window and, with the Shift key held down, left click on the last icon



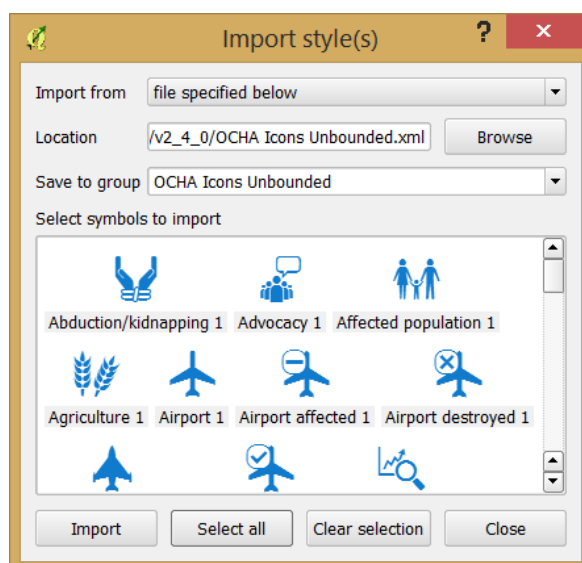
- iv. Click on the 'Remove item' button to delete the icons.
- v. Right click on the 'OCHA Icons Unbounded' group and select 'Remove Group'



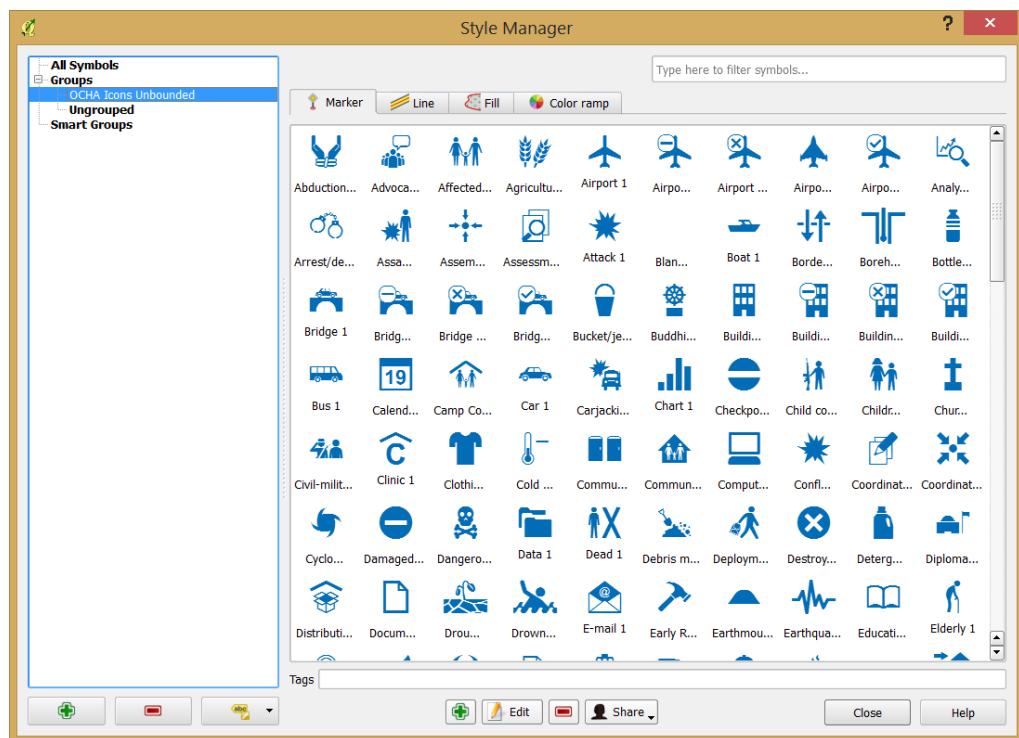
- vi. Repeat the steps above for the 'OCHA Icons Bounded White' and 'OCHA Icons Bounded Transparent' groups.

c) Install the current version of the style sheets:

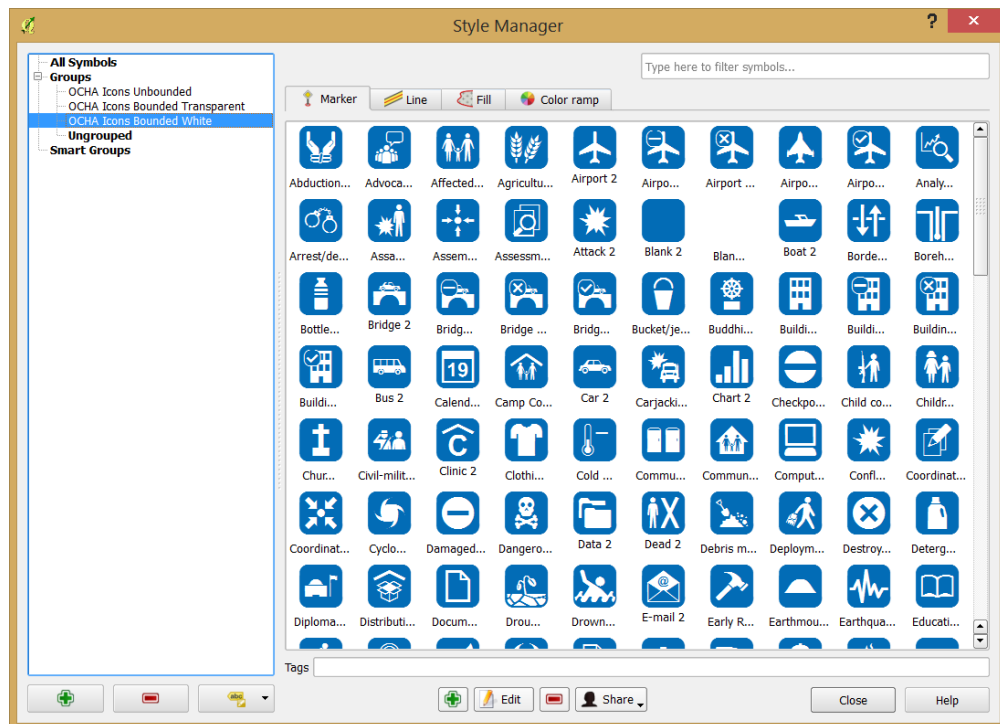
- i. Open QGIS
- ii. Go to Settings → Style Manager
- iii. Click on Share → Import
- iv. Navigate to the location of 'OCHA Icons Unbounded.xml', click on Select all and Import



- v. The icons should now appear in the Style Manager window





































































































- vi. Repeat steps iii. to iv. above for the 'OCHA Icons Bounded Transparent.xml' and 'OCHA Icons Bounded White.xml'





































































































9. Equivalent keyboard characters and Unicode values





































































































The table below shows the keys a user can press on the keyboard to display each OCHA Icon symbol. Alternatively, the Unicode value can be entered to display a specific symbol.














Icon name	OCHA Icons Unbounded symbol	OCHA Icons Bounded symbol	Equivalent keyboard character	Unicode value
Clusters				
Camp Coordination and Camp Management (CCCM)			!	0021
Logistics			"	0022
Early Recovery			#	0023
Nutrition			\$	0024
Education			%	0025
Protection			&	0026
Emergency Telecommunications			'	0027
Shelter			(0028
Food Security)	0029
Water, Sanitation and Hygiene			*	002A
Health			+	002B
Others				
Agriculture			,	002C
Multi-cluster/sector			-	002D
Coordination			.	002E
Rule of law and justice			/	002F
Environment			0	0030
Safety and security			1	0031
Fishery			2	0032
Disasters/Hazards and Crises				
Cold wave			3	0033
Landslide/mudslide			4	0034
Cyclone			5	0035
Locust infestation			6	0036
Drought			7	0037
Snow avalanche			8	0038
Earthquake			9	0039
Snowfall			:	003A
Epidemic			;	003B
Storm			<	003C
Fire			=	003D
Storm surge			>	003E
Flash flood			?	003F
Technological disaster			@	0040
Flood			A	0041
Tornado			B	0042
Heatwave			C	0043
Tsunami			D	0044
Heavy rain			E	0045
Violent wind			F	0046
Insect infestation			G	0047

Volcano			H	0048
Conflict			I	0049
Humanitarian access			J	004A
Population displacement			K	004B
Population return			L	004C
Socioeconomic & Development				
Debris management			M	004D
Rural			N	004E
Livelihood			O	004F
Rural exodus			P	0050
Livestock			Q	0051
Trade and market			R	0052
Population growth			S	0053
Urban			T	0054
Reconstruction			U	0055
Urban/rural			V	0056
People				
Affected population			W	0057
Infant			X	0058
Missing			Y	0059
Children			Z	005A
Dead			[005B
Man			\	005C
Injured		]	005D
Woman			^	005E
Drowned			_	005F
Elderly			`	0060
National army			a	0061
Pregnant			b	0062
Rebel			c	0063
People with physical impairments			d	0064
Child combatant			e	0065
Peacekeeping force			f	0066
Activities/Strategy				
Advocacy			g	0067
Leadership			h	0068
Analysis			i	0069
Learning			j	006A
Assessment			k	006B
Meeting			l	006C
Civil-military coordination			m	006D
Needs assessment			n	006E
Coordinated assessment			o	006F
Partnership			p	0070
Deployment			q	0071
Policy			r	0072
Financing			s	0073
Preparedness			t	0074
Fund			u	0075
Public information			v	0076
Gap analysis			w	0077
Reporting			x	0078

Humanitarian programme cycle			y	0079
Response			z	007A
Information management			{	007B
Scale up/down operation	1,2,3	1,2,3		007C
Information technology			}	007D
Services and tools			~	007E
Innovation			i	00A1
Staff management			¢	00A2
Training			£	00A3
Product Type				
Calendar			¤	00A4
Map			¥	00A5
Chart			¦	00A6
Photo			§	00A7
Data			¨	00A8
Report			©	00A9
Document			ª	00AA
Table			«	00AB
Film			¬	00AC
Food and Non-Food Items				
Blanket			-	00AD
Non-food items	NFI	NFI	®	00AE
Bottled water			ˉ	00AF
Oil			°	00B0
Bucket/jerry can			±	00B1
Plastic sheeting			²	00B2
Clothing			³	00B3
Relief goods			´	00B4
Detergent			µ	00B5
Rice			¶	00B6
Flour			·	00B7
Salt			˘	00B8
Food			¹	00B9
Soap			º	00BA
Infant formula			»	00BB
Stove			¼	00BC
Kitchen set			½	00BD
Sugar			¾	00BE
Mattress			¿	00BF
Tarpaulin			À	00C0
Medicine			Á	00C1
Tent			Â	00C2
Medical supply			Ã	00C3
Vaccine			Ä	00C4
Mosquito net			Å	00C5
Water, Sanitation and Hygiene				
Borehole			Æ	00C6
Solid waste			Ç	00C7
Communal latrine			È	00C8
Spring water			É	00C9
Latrine cabin			Ê	00CA
Submersible pump			Ë	00CB
Potable water			Ì	00CC

Toilet			í	00CD
Potable water source			î	00CE
Water source			ï	00CF
Sanitation			ð	00D0
Water trucking			ñ	00D1
Shower			ö	00D2
Well			ó	00D3
Camp				
IDP/refugee camp			ô	00D4
Registration			õ	00D5
Permanent camp			ö	00D6
Spontaneous site			x	00D7
Temporary camp			ø	00D8
Transition site			ù	00D9
Security and Incident				
Abduction/kidnapping			ú	00DA
Forced recruitment			û	00DB
Arrest/detention			ü	00DC
Harassment/intimidation			ý	00DD
Assault			þ	00DE
House burned			ß	00DF
Attack			à	00E0
Mine			á	00E1
Carjacking			â	00E2
Murder			ã	00E3
Dangerous area			ä	00E4
Robbery			å	00E5
Forced entry			æ	00E6
Physical Barrier				
Border crossing			ç	00E7
Observation tower			è	00E8
Checkpoint			é	00E9
Physical closure			ê	00EA
Earthmound			ë	00EB
Road barrier			ì	00EC
Military gate			í	00ED
Roadblock			î	00EE
Damage				
Damaged/affected			ï	00EF
House affected			ð	00F0
Destroyed			ñ	00F1
House destroyed			ò	00F2
Not affected			ó	00F3
House not affected			ô	00F4
Airport affected			õ	00F5
Port affected			ö	00F6
Airport destroyed			÷	00F7
Port destroyed			ø	00F8
Airport not affected			ù	00F9
Port not affected			ú	00FA
Bridge affected			û	00FB
Road affected			ü	00FC
Bridge destroyed			ý	00FD

Road destroyed			ḃ	00FE
Bridge not affected			ÿ	00FF
Road not affected			Ā	0100
Building affected			ā	0101
School affected			Ä	0102
Building destroyed			ă	0103
School destroyed			Ạ	0104
Building not affected			ạ	0105
School not affected			Ć	0106
General Infrastructure				
Assembly point			ć	0107
House			Ĉ	0108
Buddhist temple			ĉ	0109
Infrastructure			Ĉ	010A
Building			ĉ	010B
Mobile clinic			Č	010C
Church			č	010D
Mosque			Ď	010E
Clinic			ď	010F
NGO office			Đ	0110
Community building			đ	0111
Police station			Ē	0112
Diplomatic mission			ē	0113
School			Ě	0114
Distribution site			ě	0115
UN compound/office			Ě	0116
Food warehouse			è	0117
University			Ē	0118
Government office			ē	0119
Health facility			Ě	011A
Health post			ě	011B
Hindu temple			Ĝ	011C
Hospital			ĝ	011D
Hotel			G	011E
Logistics				
Airport			ğ	011F
Helicopter			Ĝ	0120
Airport military			ğ	0121
Helipad			Ĝ	0122
Boat			ĝ	0123
Port			H	0124
Bridge			h	0125
Road			H	0126
Bus			h	0127
Ship			Ī	0128
Car			ĩ	0129
Train			Ī	012A
Ferry			ī	012B
Truck			ĭ	012C
Gas station			ĩ	012D
Tunnel			Ĳ	012E
Telecommunications				
Computer			j	012F

Mobile phone			İ	0130
E-mail			ı	0131
Radio			IJ	0132
Fax			ij	0133
Walkie Talkie			Ĵ	0134
Internet			ĵ	0135
Miscellaneous				
Blank			Ķ	0136