

Beirut, August 8, 2020

Preliminary report on the damages caused by the explosion that occurred in Beirut Port on August 4, 2020.

In the aftermath of the huge explosion that rocked the Lebanese Capital Beirut, it is too early to estimate the extent and cost of damages although it is clear that most of Beirut area is affected.

Large sections of Beirut port and its infrastructure were destroyed, including the silos that contained most of Beirut's grain reserves and all warehouses in the second and third basins were levelled to ground. The blast ware caused also extensive damages to several residential neighborhoods located in the vicinity, including four major hospitals (Karantina, Wardieh, Saint George and Geitawi) as well seven school buildings.

A number of government buildings were also damaged (Grand Serail, Finance, Telecom Ministries, Foreign Affairs Ministry and Electricité du Liban).

More than 25, 000 inhabitants lived in an area located within a radius of 1 km from the site of explosion

A quick estimate of the damages due to the explosion shows that blast affected severely areas located at the distance of 500 meters from the site of the explosion with heavy damages in Medawar, Mar Mikhael, Geatawi, Roum, Hikmeh, Mar Nicolas, Gemayzeh and Rmeil heavily populated residential neighborhoods.



Achrafieh, Mar Mitr, Furn El Hayeck, Bachourah and Zokak El Blat neighborhoods as well as Beirut Central District were also severely affected. These neighborhoods include about 100 hundred heritage buildings dating from the 19th century and the first decades of the 20th century, some of them classified and severely damaged.

The following table shows a preliminary estimate of number of damaged buildings:

Number of buildings totally destroyed	30 - 40
Major collapse of structural walls and roofs of houses made uninhabitable	800 - 900
Partial demolition of houses made uninhabitable	2,300 - 2,500
Serious damages to house structures	3,000
Limited Damages	15,000 - 18,000
Typical pressure for glass failure	18,000 - 20,000
Total number of buildings affected	39,000 - 40,000
Estimated number of housing units affected	200,000



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