TABLE IV.

*Table shewing the Original Dimensions and Solid Contents of various Specimens of Wood ; together with their Dimensions, Weight, and Capacity after certain intervals of time ; also the Weight of a Cubic Foot when seasoned and when unseasoned. Compiled by James Bennett, Esq. of Η. M. Dockyard at Portsmouth, and formerly a Student at the late School of Naval Architecture, from specimens collected by himself, and now fist published.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Species of Timber.** | **Dimensions in Inches.** | **Date when Weighed and Measured.** | **Weight.** | **Capacity in Cubic Inches·** | **Wekb⅛.**  **of a Cubic Foot.** | **>** | **Remark«.** | | **No.** | **Spec ice of Timber.** | **Dimensions in Inches.** | **Date when Weighed and Measured.** | **∖Ve⅛ht.** | **Capacity in cubic Inches.** | **weight »fa Cubit Foot.** | **Remarks.** |
| **1** | **English f oak. ∖** | **6×6×6**  **6×6×6** | **June 1835.**  **Aug. 1840.** | **lbs. oz.** | **2160**  **2160** | **lbs. oz.**  **45 4**  **43 10** | **13d Futtock.** | |  | **22** | **f**  **English I oak. ∣** | **6×6Xβ**  **6 X 5-75 X5 87** | **June 1826.**  **April 1827.**  **Aug. 1840.** | **lbs. oι.**  **9 1**  **6 8**  **5 8⅛** | **2160**  **202-5** | **Ibβ. oz.**  **72 8**  **47 21** | **∣But. .**  **i ä** |
|  |  | **6×6X6 Gx6X5∙9** | **June 1835.**  **Aug. 1840.** | **G 3**  **5 15⅛** | **21G∙,0**  **212’4** | **49 8**  **48 71** |  |  |  |  |  |
| **2** | **Ditto. -∣** | **J 4th r uttock.** | |  | **23** | ***i***  **Ditto. √** | **6×6×6** | **June 1826.**  **April 1827.**  **Aug. 1840.** | **8 4** | **2160** | **GG 0** | **)βut.**  **Same tτee.** |
| **3** | **Ditto- f** | **6×6×6**  **6×6×β** | **June 1835.**  **Aug. 1840.** | **5 1**  **4 143** | **216∙0**  **2160** | **40 8**  **39 6** | **I Bcaηj.** |  | **Taken out of the Marlborough, 74 ; built in 1807, and broken up in 1835. Since kept in a room in which there is often a fire.** | **5-87 × 5-75 ×5∙75** | **4 12** | **193-7** | **42 6** |
|  |  |  |  |  |  | **G×G×6**  **6X5'87X5’75** | **June 1826.**  **April 1827.**  **Aug. 1810.** | **8 8**  **6 7**  **5 I4∣** | **2160**  **2O2∙5** | **68 0** |
| **4** | **Ditto. 1** | **6χ6×6**  **6x6×6** | **June 1835.**  **Aug. 1840.** | **5 10**  **5 6** | **2160**  **2160** | **45 0**  **43 0** | **1 Beam.** |  | **24** | **Ditto. <** | **50 5∣** | ∣top. ; |
| **6** | **Ditto. (** | **6×6×6**  **6×5∙75×5∙87** | **July 1835.**  **Aug. 1840.** | **7 14**  **5 6$** | **2160**  **202 5** | **63 0**  **46 1⅛** | **) Floor.** |  | **25** | **Ditto. I** | **6×Gxβ 6×5 8×5 87** | **Oct. 1820. Aug. 1840.** | **6 13**  **4 6** | **216 0 204-2** | **54 8**  **37 7⅛** | **)τ°p. 1 1**  **i Same tree.**  )bui. **J i**  **I**  **Î I** |
| **6** | **Ditto. 1** | **6×6×6**  **6×5∙87×5∙8** | **July 1835. Aug. 1840.** | **7 12**  **5 Hi** | **2160**  **204∙2** | **62 0**  **48 71** | **12d Futtock.** | | **26** | **Ditto. 1** | **6×6×6**  **6X5’87X5’87** | **Oct. 1820. Aug. 1840.** | **G 5**  **4 2∣** | **2160**  **206∙ 7** | **50 9**  **34 11** |
| **7** | **Ditto. 1** | **6×6×6 6×6X5∙9** | **June 1835.**  **Aug. 1840.** | **6 15**  **6 Hi** | **216∙0 212-4** | **55 8**  **54 12** | **∣3d Futtock.** | |  | **27** | **Ditto. 1** | **6×6×6**  **6x5 75 X5’75** | **June 1828.**  **Aug. 1840.** | **7 131**  **5 14⅛** | **216’0**  **196’0** | **62 12**  **51 71** |
| **8** | **Ditto. ■[** | **6×6×6**  **6X5∙G2×5∙87** | **July 1835. Aug. 1840.** | **8 10)**  **5 121** | **2160**  **197 9** | **69 4**  **50 41** | **11st Futtock.** | |  | **28** | **Ditto. (** | **6X6X6**  **6X5∙75X5'87** | **Aug. 1820.**  **Aug. 18<0.** | **7 8**  **5 7** | **2160**  **202-5** | **60 0**  **46 5i** |
| **9** | **Ditto. <** | **6×6×G**  **5∙9×5-62×5 87** | **April 1827. May 182S. May 1886.**  **Aug. 1840.** | **8 2**  **5 15**  **5 13**  **5 12∣** | **2160**  **194-6** | **65 0**  **51 2∣** | **] i∙Top.**  **J** |  |  | **29** | **Ditto. I**  **t** | **6×G×6**  **5∙87×5 87×5∙75** | **June 1826.**  **April 1827.**  **Aug. 1840.** | **8 15⅛**  **5 12**  **5 11** | **216’0**  **197’8** | **71 12**  **49 11⅜** | )buU |
|  | **\*-** |  |  |  | **Ditto. (** | **6×6×G**  **6X6×5'75** | **Aug. 1820. Aug. 1840.** | **7 14**  **5 12** | **216’0**  **207 0** | **63 0**  **48 0** |  |
|  | **Γ** | **6X6X6** | **April 1827. May 1828. May 1836.**  **Aug. 1840.** | **7 15 G 0**  **5 14**  **5 12$** | **2160** | **63 8** | **Ί i∙Top.**  **∫** |  |  | **30** | **I cut down in 1820. «**  **9 ≡** |
| **10** | **Ditto. <** | **δ∙9×5∙75×5∙75** | **194 7** | **51 2** |  |  | **31** | **Ditto. (** | **6×6×6**  **6X5'75X5’75** | **Aug. 1820. Aug. 1840.** | **7 14**  **5 2** | **2160**  **198’0** | **63 0**  **44 10)** | **1 cut down in 1820. &** |
| **11** | **Ditto. √** | **6×6X6** | **April 1827. May 1828.**  **May 1826 Aug. 1810.** | **8 14**  **6 3**  **5 15**  **5 ∣4⅛** | **216\*0** | **71 0** | **l Top.** |  |  | **32** | **Ditto. (** | **6X6×6**  **6X587X5’87** | **April 1821. Aug. 1840.** | **6 8**  **4 10** | **216-0**  **200-7** | **52 0**  **38 10** | **» a** |
|  | **1** | **6X5’82X5’7** | **192-2** | **53 0)** | J |  |  | **XI** | **Ditto. (** | **6×6X6**  **6χ575×5-75** | **Aug. 1820.**  **Aug. 1840.** | **7 7**  **4 15** | **2160**  **198’0** | **59 8**  **43 0∣** | **)** |
|  |  | **6×6xβ**  **6X5’62X5-75** | **April 1827. May 1828. May 1836.**  **Aug. 1840.** | **6 14**  **5 8**  **5 7**  **5 5i** | **216 0**  **193 8** | **55 0**  **47 12]** | **1**  **I Top.** |  |  |  |  |  |
| **12** | **Ditto. √** |  |  | **34** | **Ditto. (** | **12×12X12**  **12X11-5X11’87** | **June 1828.**  **Aug. 1840.** | **G4 8**  **38 4** | **1728’0**  **1638 0** | **64 8**  **40 5⅛** | **)**  **J3** |
|  | **\*∙** | **Kept in a room in which ■ there is very often a fltp** | |  | **Ditto. (** | **12X∣2×12** | **May 1828. Aug. 1840.** | **51 6** | **1728 0** | **51 6** | **) H** |
|  | **Γ** | **6×6×6** | **April 1827. May 1828. May 1836.**  **Aug. 1840.** | **7 4⅛**  **4 12\***  **4 11⅛**  **4 10** | **2160** | **58 I** | **∕ But.**  **J** | **35** | **12X∣1∙75×∏∙87** | **46 13** | **1673’6** | **48 ft⅜** | *t* |
| **13** | **Ditto. <** | **6X5∙75X5\*8** | **200 1** | **39 I4∣** |  |  | **3G** | **Ditto. <** | **12×12X12** | **Aug. 1773.**  **May 1774.**  **Nov. 1775.** | **69 8**  **49 0**  **44 10** | **1728’0** | **69 8** | **/From a specimen in Woolwich ? dock yard.** |
|  | **(** | **6×6X6** | **April 1827. May >828. May 1836.**  **Aug. 1840.** | **7 10**  **5 3**  **5 1**  **5 0⅛** | **2J6-0** | **61 0** | **I But.**  **J** |  |  |  |  |  | **1776.** | **42 8** |  |  |
| **14** | **Ditto. j** | **6X5’87X5’75** | **202,5** | **42 141** |  |  | **37** | **French ∫ oak. ∣** | **12X12X12**  **11’87X11’75X11’62** | **Nov. 1836.**  **Nov. 1838.**  **Aug. 1840.** | **70 0**  **48 12**  **46 0** | **1728’0**  **1620 6** | **70 0**  **49 0⅞** | **1 But.**  *\** |
|  | **.** | **6×6×6**  **6×5∙β×5∙87** | **April 1827. May 1828. May 1836.**  **Aug. 1840.** |  | **2160**  **193-6** | **68 0**  **50 5j** |  |  |  |  |  |  |
| **15** | **Ditto. <** | **5 14∣**  **5 H⅛**  **5 10i** | **J But.** |  |  | **38** | **Ditto. (** | **6×6xβ**  **6X5’75X5’37** | **Oct. 1836. Aug. 1840. ∙** | **8 8**  **4 15** | **216’0**  **185-2** | **68 0**  **46 1** | **∣But∙** |
|  |  |  |  |  | **39** | **Ditto. (** | **6x6×6** | **Oct. 1836.** | **8 10** | **216 0** | **69 0** | **)Top.**  **Kept In a dry storehouse.**  **∣But.** |
|  | **i** | **6×6×6** | **April 1827. May 1828. May 1836.**  **Aug. 1840.** | **8 1** | **216’0** | **64 8** | **)** |  |  | **5∙8×5∙62X5∙5** | **Aug. 1840.** | **5 6** | **179-3** | **ftl 12)** |
| **16** | **Ditto. √** | **6×ft∙62×5∙87** | **5 3**  **4 15**  **4 14J** | **1979** | **42 12⅛** | **J. But.** |  |  | **40** | **Ditto. (** | **6×6x6**  **6x58X5’75** | **Oct. 1836.**  **Aug. 1840.** | **8 4**  **5 3∣** | **216-9**  **200 1** | **66 0**  **45 1** |
| **17** | **Ditto. √** | **6×6×6** | **June 1826. April 1827. July 1837.**  **Aug. 1840.** | **9 1⅜**  **6 15** | **2160** | **72 12** | **1 ■** |  |  | **41** | **Ditto. 1** | **6X6X6**  **6X5'9×5∙75** | **Oct. 1836. Aug. 1840.** | **8 9∣**  **6 1** | **216.0**  **203-5** | **68 12**  **51 7∣** | **)Top.** |
|  | 1 | **6X5’75X5’7** | **6 li**  **6 H** | **I96∙6** | **53 6)** | **I** |  |  | 1 42 | **Ditto. (** | **6X6X6**  **6X5’87X5’7** | **Dec. 1836. Aug. 1840.** | **8 6**  **5 3** | **2160**  **200 7** | **67 0**  **44 10⅛** | **)** |
|  |  | **6×6×6**  **6× 5 87 X 5’8** | **April 1821.**  **Aug. 1810.** | **6 12**  **4 4** | **216’0**  **204-2** | **54 0**  **35 I5⅛** |  |  |  |  |  |  |  |
| **18** | **Ditto. <** | **)** | **Theβc epccimcns are kept in a well\*venti«·** | |  | **Ditto. 1** | **6×6X6** | **June 1835.** | **7 6**  **6 15⅛** | **216Ό**  **2160** | **59 0**  **45 10** | **Λ But. Fourth futtock nut of the**  **l Marlborough, when broken j up in 1835.** |
| **19** | **Ditto. ]** | **GχG×β ∣6X6X5\*61** | **Oct. 1820. Aug. 1840.** | **8 15**  **5 2⅛** | **216’0** | **71 8**  **43 15⅞** |  | **l∙ted shed, but not exposed to a current** | |  | **6X6X6** | **Aug. 1840.** |
|  | **I** |  |  | **of air.** | | **44** | **Ditto. (** | **6x6x6** | **June 1835.**  **Aug. 1840.** | **ft 9** | **216 0** | **44 8** |  |
| **20** | **Ditto. ■!** | **∣6x6χ6**  **∣C×6X5\*75** | **June 1828.**  **Aug. 1840.,** | **6 9**  **5 11** | **216’0**  **207 0** | **52 8**  **47 6∣** | **ï** |  |  | **6X6X5’87** | **5 3t** | **211'3** | **42 12⅛** | **) borough. In** a **slate oΓdecay.** |
|  | **J** |  |  | **45** | **Ditto. 1** | **6X6X6**  **6X5,8×5,87** |  | **5 13∣**  **5 9** | **216 0** | **46 12** | **∖ Top. Part of the wulc of the ) Marlborough.** |
| **21** | **Ditto. ∣** | **∣6×6×6** | **June 1826. April 18z7. Aug. 1840.** | **8 15**  **7 0**  **5 7** | **2160** | **71 8** | **Jβut.** |  |  | **Aug. 1840.** | **204’2** | **4∂ 71** |
| **∣5 87×ft∙75×5∙75** | **∣93∙7** | **48 7** |  |  | **46** | **Ditto. (** | **6×6×6**  **6×5∙87x5∙9** | **June 1835.**  **Aug. 1840.** | **5 14)**  **5 ħ∣** | **216’0**  **207 7** | **47 4**  **4ΰ II** | **) Part of the wale »f Λc** MλγI- **1 borough.** |
|  |  | **1** |  |  |  |  |  |  |  |  |  |  |