

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.42 ± 0.11	H_0	73.6 ± 2.4 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5746 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14189 ± 119 Mpc
$d_A(z_*)$	14023 ± 120 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.14 ± 0.25
η	$(6.18 \pm 0.14) \times 10^{-10}$	k_{eq}	0.00998 ± 0.00033
ℓ_{eq}	139.9 ± 3.6	ℓ_*	302.36 ± 0.65
n_b	$(2.540 \pm 0.057) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.971 ± 0.013
Ω_b	0.0418 ± 0.0029	$\Omega_b h^2$	$0.02261^{+0.00051}_{-0.00050}$
Ω_c	0.211 ± 0.016	$\Omega_c h^2$	0.1141 ± 0.0047
Ω_Λ	0.747 ± 0.018	Ω_m	0.253 ± 0.018
$\Omega_m h^2$	0.1367 ± 0.0046	$r_s(z_d)$	152.2 ± 1.3 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3597^{+0.0100}_{-0.0099}$	$r_s(z_d)/D_v(z=0.2)$	0.1947 ± 0.0048
$r_s(z_d)/D_v(z=0.35)$	0.1158 ± 0.0025	$r_s(z_d)/D_v(z=0.44)$	0.0946 ± 0.0019
$r_s(z_d)/D_v(z=0.54)$	0.0796 ± 0.0015	$r_s(z_d)/D_v(z=0.57)$	0.0761 ± 0.0014
$r_s(z_d)/D_v(z=0.6)$	0.0731 ± 0.0014	$r_s(z_d)/D_v(z=0.73)$	0.0627 ± 0.0011
$r_s(z_*)$	145.7 ± 1.2	R	1.729 ± 0.016
σ_8	0.857 ± 0.047	$\sigma_8 \Omega_m^{0.5}$	0.431 ± 0.028
$\sigma_8 \Omega_m^{0.6}$	0.375 ± 0.026	A_{SZ}	< 2.0 (95% CL)
t_0	13.682 ± 0.094 Gyr	τ	$0.089^{+0.013}_{-0.014}$
θ_*	0.010390 ± 0.000022	θ_*	0.5953 ± 0.0013 °
τ_{rec}	283.8 ± 2.5	t_{reion}	453 ± 64 Myr
t_*	376082^{+4259}_{-4264} yr	w	-1.12 ± 0.10
z_d	1020.7 ± 1.1	z_{eq}	3272 ± 109
z_{rec}	$1088.21^{+0.80}_{-0.81}$	z_{reion}	10.6 ± 1.1
z_*	1091.03 ± 0.88		